

EVIDENCE TABLE:

Interventions to Promote Smoking Cessation in the Medicare Population



PREPARED FOR:

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HUMAN SERVICES
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CONTRACT NUMBER:

500-98-0281

CONTRACT PERIOD:

October 30, 1998 TO September 29, 2003

Smoking Cessation Evidence Table

Author Year Country Design	Age Vulnerable populations targeted Comorbidities included or excluded	Target(s)	Research setting Geographic setting Health-care Practice setting Reimbursement system	Intervention		Intervention 1 Characteristics		Intervention 2 Characteristics		ARR
				Intervention 1	Intervention 2					
AHLUWALA 1998 USA RCT	Under & over 65 African Americans, Low-income populations No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Mixed	Control/ usual care Patient education Patient financial incentive Group therapy/counseling - leader not trained	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: patch	N: Baseline rate: Follow-up rate:	147 N: Not reported 11.7	N: Baseline rate: Follow-up rate:	152 Not reported 17.1	5.4
AREECHON 1988 Other RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Not sure Not applicable Other system	Patient education	Patient education Medications NRT: gum	N: Baseline rate: Follow-up rate:	101 N: Not reported 36.6	N: Baseline rate: Follow-up rate:	99 Not reported 57.1	20.5
BLONDAL 1999 Other CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Other system	Group therapy/counseling - leader not trained Medications NRT: patch	Group therapy/counseling - leader not trained Medications NRT: patch Medications NRT: nasal spray	N: Baseline rate: Follow-up rate:8.5	118 N: Not reported Follow-up rate:	N: Baseline rate: Follow-up rate:	117 Not reported 16.2	7.7
BLONDAL 1997 Other RCT	Under & over 65 No vulnerable populations targeted Included: persons with concerns about weight gain	Patients	Academic setting Not sure Outpatient, clinic Other system	Control/ usual care Patient education Group therapy/counseling - leader trained	Patient education Group therapy/counseling - leader trained Medications NRT: nasal spray	N: Baseline rate: Follow-up rate:	78 N: Not reported 14.0	N: Baseline rate: Follow-up rate:	79 Not reported 19.0	5.0
BLONDALL 1989 Other CBA	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education Patient financial incentive	Patient education Patient financial incentive Medications NRT: gum	N: Baseline rate: Follow-up rate:	90 N: Not reported 31.1	N: Baseline rate: Follow-up rate:	92 Not reported 44.6	13.5
BRANTMAR 1973 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Other system	Control/ usual care Patient education Patient financial incentive	Patient education Patient financial incentive Medications NRT: gum	N: Baseline rate: Follow-up rate:	17 N: Zero 27.3	N: Baseline rate: Follow-up rate:	23 Zero 20.8	-6.5
BROWN 1992 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Other system	Self-help	Self-help	N: Baseline rate: Follow-up rate:	22 N: Not reported 30.4	N: Baseline rate: Follow-up rate:9.0	23 Not reported	-21.4

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						Characteristics	Characteristics	Characteristics	Characteristics	
BTS 1983 UK RCT	Under & over 65 No vulnerable populations targeted Included: persons with other cessation-affecting conditions Excluded: persons with psychiatric comorbidity	Patients	Not sure Not sure Outpatient, physician Other system	Control/ usual care	Patient education	N: Baseline rate: Follow-up rate:	371 N: Zero 11.0	N: Baseline rate: Follow-up rate:	377 Zero 11.0	0.0
				Control/ usual care	Patient education Placebo: gum	N: Baseline rate: Follow-up rate:	371 N: Zero 11.0	N: Baseline rate: Follow-up rate:	402 Zero 14.0	3.0
				Control/ usual care	Patient education Medications NRT: gum	N: Baseline rate: Follow-up rate:	371 N: Zero 11.0	N: Baseline rate: Follow-up rate:	400 Zero 10.0	-1.0
				Patient education	Patient education Placebo: gum	N: Baseline rate: Follow-up rate:	377 N: Zero 11.0	N: Baseline rate: Follow-up rate:	402 Zero 14.0	3.0
				Patient education	Patient education Medications NRT: gum	N: Baseline rate: Follow-up rate:	377 N: Zero 11.0	N: Baseline rate: Follow-up rate:	400 Zero 10.0	-1.0
				Patient education Placebo: gum	Patient education Medications NRT: gum	N: Baseline rate: Follow-up rate:	402 N: Zero 14.0	N: Baseline rate: Follow-up rate:	400 Zero 10.0	-4.0
BURLING 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient education Patient financial incentive Individual counseling	Patient education Patient financial incentive Individual counseling Self-help	N: Baseline rate: Follow-up rate:	29 N: Zero 11.5	N: Baseline rate: Follow-up rate:	29 Zero 21.4	9.9
BURT 1974 UK CCT	Under & over 65 No vulnerable populations targeted Included: persons with other cessation-affecting conditions	Patients	Nonacademic setting Mainly urban/suburban Hospital & outpatient Other system	Control/ usual care	Patient education Individual counseling	N: Baseline rate: Follow-up rate:	98 N: Zero 27.5	N: Baseline rate: Follow-up rate:	125 Zero 63.2	35.7

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Author Year Country Design	Age Vulnerable populations targeted Comorbidities included or excluded	Target(s)	Research setting Geographic setting Health-care Practice setting Reimbursement system	Intervention		Intervention 1 Characteristics		Intervention 2 Characteristics		ARR	
				Intervention 1	Intervention 2						
CAMPBELL 1987 UK RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Control/ usual care	Patient education	N:	149	N:	137	0.2	
					Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported		
					Placebo: gum	Follow-up rate:	1.3	Follow-up rate:	1.5		
				Control/ usual care	Patient education	N:	149	N:	137	0.2	
					Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported		
					Placebo: gum	Follow-up rate:	1.3	Follow-up rate:	1.5		
				Control/ usual care	Patient education	N:	149	N:	138	3.8	
					Medications NRT: gum	Baseline rate:	Not reported	Baseline rate:	Not reported		
						Follow-up rate:	1.3	Follow-up rate:	5.1		
				Control/ usual care	Patient education	N:	149	N:	142	1.5	
					Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported		
					Medications NRT: gum	Follow-up rate:	1.3	Follow-up rate:	2.8		
				Control/ usual care	Patient education	N:	149	N:	144	0.1	
					Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported		
					Medications NRT: gum	Follow-up rate:	1.3	Follow-up rate:	1.4		
				Control/ usual care	Patient education	N:	149	N:	138	2.3	
					Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported		
	Placebo: gum	Follow-up rate:	1.3	Follow-up rate:	3.6						
Patient education	Patient education	N:	137	N:	137	0.0					
Patient reminders	Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum	Placebo: gum	Follow-up rate:	1.5	Follow-up rate:	1.5						
Patient education	Patient education	N:	137	N:	138	3.6					
Patient reminders	Medications NRT: gum	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum		Follow-up rate:	1.5	Follow-up rate:	5.1						
Patient education	Patient education	N:	137	N:	142	1.3					
Patient reminders	Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum	Medications NRT: gum	Follow-up rate:	1.5	Follow-up rate:	2.8						
Patient education	Patient education	N:	137	N:	144	-0.1					
Patient reminders	Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum	Medications NRT: gum	Follow-up rate:	1.5	Follow-up rate:	1.4						
Patient education	Patient education	N:	137	N:	138	2.1					
Patient reminders	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum	Placebo: gum	Follow-up rate:	1.5	Follow-up rate:	3.6						
Patient education	Patient education	N:	137	N:	138	3.6					
Patient reminders	Medications NRT: gum	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum		Follow-up rate:	1.5	Follow-up rate:	5.1						
Patient education	Patient education	N:	137	N:	142	1.3					
Patient reminders	Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum	Medications NRT: gum	Follow-up rate:	1.5	Follow-up rate:	2.8						
Patient education	Patient education	N:	137	N:	144	-0.1					
Patient reminders	Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum	Medications NRT: gum	Follow-up rate:	1.5	Follow-up rate:	1.4						
Patient education	Patient education	N:	137	N:	138	2.1					
Patient reminders	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported						
Placebo: gum	Placebo: gum	Follow-up rate:	1.5	Follow-up rate:	3.6						

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CAMPBELL 1987 UK RCT (continued)	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Patient education	Patient education	N: 138	N: 142	-2.3
				Medications NRT: gum	Patient reminders Medications NRT: gum	Baseline rate: Not reported Follow-up rate:5.1	Baseline rate: Not reported Follow-up rate:2.8	
				Patient education	Patient education	N: 138	N: 144	-3.7
				Medications NRT: gum	Patient reminders Medications NRT: gum	Baseline rate: Not reported Follow-up rate:5.1	Baseline rate: Not reported Follow-up rate:1.4	
				Patient education	Patient education	N: 138	N: 138	-1.5
				Medications NRT: gum	Individual counseling Placebo: gum	Baseline rate: Not reported Follow-up rate:5.1	Baseline rate: Not reported Follow-up rate:3.6	
				Patient education	Patient education	N: 142	N: 144	-1.4
	Patient reminders Medications NRT: gum	Baseline rate: Not reported Follow-up rate:2.8	Baseline rate: Not reported Follow-up rate:1.4					
	Patient education	N: 142	N: 138	0.8				
	Patient reminders Medications NRT: gum	Baseline rate: Not reported Follow-up rate:2.8	Baseline rate: Not reported Follow-up rate:3.6					
	Patient education	N: 144	N: 138	2.2				
	Patient reminders Medications NRT: gum	Baseline rate: Not reported Follow-up rate:1.4	Baseline rate: Not reported Follow-up rate:3.6					
CAMPBELL 1991 Other RCT	Under & over 65 Other vulnerable populations Included: persons with high nicotine dependence, persons with other cessation-affecting conditions Excluded: persons with psychiatric comorbidity	Patients Organizations	Nonacademic setting Not sure Hospital & outpatient Other system	Control/ usual care Patient reminders Individual counseling Organizational change	Patient reminders Individual counseling Medications NRT: gum	N: 105 Baseline rate: Not reported Follow-up rate: 20.0	N: 107 Baseline rate: Not reported Follow-up rate: 20.0	0.0

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	Geographic setting			Characteristics			Characteristics				
CAMPBELL 1996 Other RCT	Under & over 65	Other vulnerable populations Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity	Patients Organizations	Nonacademic setting	Patient education	Patient education	N:	51 N:	49	-7.5	
	Not sure			Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported		
	Hospital & outpatient			Organizational change	Medications NRT: patch	Follow-up rate:	15.6	Follow-up rate:	8.1		
	Other system			Organizational change	Organizational change						
				Patient education	Patient education	N:	51 N:	36	1.0		
				Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported		
				Organizational change	Organizational change	Follow-up rate:	15.6	Follow-up rate:	16.6		
				Patient education	Patient education	N:	51 N:	36	17.7		
				Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported		
				Organizational change	Medications NRT: patch	Follow-up rate:	15.6	Follow-up rate:	33.3		
				Organizational change	Organizational change						
				Patient education	Patient education	N:	51 N:	32	-6.3		
				Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported		
				Organizational change	Organizational change	Follow-up rate:	15.6	Follow-up rate:	9.3		
	Patient education	Patient education	N:	51 N:	30	11.0					
	Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported					
	Organizational change	Medications NRT: patch	Follow-up rate:	15.6	Follow-up rate:	26.6					
	Organizational change	Organizational change									
	Patient education	Patient education	N:	49 N:	36	8.5					
	Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported					
	Medications NRT: patch	Organizational change	Follow-up rate:	8.1	Follow-up rate:	16.6					
	Organizational change										
	Patient education	Patient education	N:	49 N:	36	25.2					
	Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported					
	Medications NRT: patch	Medications NRT: patch	Follow-up rate:	8.1	Follow-up rate:	33.3					
	Organizational change	Organizational change									
	Patient education	Patient education	N:	49 N:	32	1.2					
	Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported					
	Medications NRT: patch	Organizational change	Follow-up rate:	8.1	Follow-up rate:	9.3					
	Organizational change										
	Patient education	Patient education	N:	49 N:	30	18.5					
	Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported					
	Medications NRT: patch	Medications NRT: patch	Follow-up rate:	8.1	Follow-up rate:	26.6					
	Organizational change	Organizational change									
	Patient education	Patient education	N:	36 N:	36	16.7					
	Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported					
	Organizational change	Medications NRT: patch	Follow-up rate:	16.6	Follow-up rate:	33.3					
	Organizational change	Organizational change									
	Patient education	Patient education	N:	36 N:	32	-7.3					
	Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported					
	Organizational change	Organizational change	Follow-up rate:	16.6	Follow-up rate:	9.3					
	Patient education	Patient education	N:	36 N:	30	10.0					
	Individual counseling	Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported					
	Organizational change	Medications NRT: patch	Follow-up rate:	16.6	Follow-up rate:	26.6					
	Organizational change	Organizational change									

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CAMPBELL 1996 Other RCT	Under & over 65 Other vulnerable populations Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity	Patients Organizations	Nonacademic setting Not sure Hospital & outpatient Other system	Patient education	Patient education	N: 36	N: 32	32
				Individual counseling	Individual counseling	Baseline rate: Not reported	Baseline rate: Not reported	
				Medications NRT: patch Organizational change	Organizational change	Follow-up rate: 33.3	Follow-up rate: 9.3	
				Patient education	Patient education	N: 36	N: 30	-6.7
				Individual counseling	Individual counseling	Baseline rate: Not reported	Baseline rate: Not reported	
				Medications NRT: patch Organizational change	Medications NRT: patch Organizational change	Follow-up rate: 33.3	Follow-up rate: 26.6	
				Patient education	Patient education	N: 32	N: 30	17.3
				Individual counseling	Individual counseling	Baseline rate: Not reported	Baseline rate: Not reported	
				Organizational change	Medications NRT: patch Organizational change	Follow-up rate: 9.3	Follow-up rate: 26.6	
CAMPBELL 1990 Other RCT	Under & over 65 No vulnerable populations targeted Included: persons with other cessation-affecting conditions Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, not phys. Other system	Individual counseling	Patient reminders Individual counseling	N: 732 Baseline rate: Zero Follow-up rate: 7.0	N: 730 Baseline rate: Zero Follow-up rate: 9.0	2.0
CAMPBELL 1990 Other RCT	Under & over 65 No vulnerable populations targeted Included: persons with other cessation-affecting conditions Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Not sure Outpatient, not phys. Other system	Control/ usual care	Individual counseling	N: 343 Baseline rate: Zero Follow-up rate: 5.2	N: 347 Baseline rate: Zero Follow-up rate: 4.9	-0.3
				Individual counseling	Patient reminders Individual counseling	N: 343 Baseline rate: Zero Follow-up rate: 5.2	N: 351 Baseline rate: Zero Follow-up rate: 8.5	3.3
				Individual counseling	Patient reminders Individual counseling	N: 343 Baseline rate: Zero Follow-up rate: 5.2	N: 351 Baseline rate: Zero Follow-up rate: 8.8	3.6
				Individual counseling	Patient reminders Individual counseling	N: 347 Baseline rate: Zero Follow-up rate: 4.9	N: 351 Baseline rate: Zero Follow-up rate: 8.5	3.6
				Individual counseling	Patient reminders Individual counseling	N: 347 Baseline rate: Zero Follow-up rate: 4.9	N: 351 Baseline rate: Zero Follow-up rate: 8.8	3.9
				Patient reminders Individual counseling	Patient reminders Individual counseling	N: 351 Baseline rate: Zero Follow-up rate: 8.5	N: 351 Baseline rate: Zero Follow-up rate: 8.8	0.3
CAMPBELL 1986 UK CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, not phys. Other system	Control/ usual care	Patient education	N: 671 Baseline rate: Zero Follow-up rate: 2.7	N: 535 Baseline rate: Zero Follow-up rate: 3.9	1.2

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						Characteristics	Characteristics	Characteristics	Characteristics	
CAMPBELL 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Physicians	Academic setting Mixed rural/urban/suburban Outpatient, physician Mixed	Control/ usual care	Provider education	N: Baseline rate: Follow-up rate:1.8	Not reported Zero Follow-up rate:3.5	N: Baseline rate: Follow-up rate:5.8	Not reported Zero Follow-up rate:5.8	1.7
				Control/ usual care	Provider reminders	N: Baseline rate: Follow-up rate:1.8	Not reported Zero Follow-up rate:3.5	N: Baseline rate: Follow-up rate:5.8	Not reported Zero Follow-up rate:5.8	4.0
				Control/ usual care	Provider education Provider reminders	N: Baseline rate: Follow-up rate:1.8	Not reported Zero Follow-up rate:5.7	N: Baseline rate: Follow-up rate:5.7	Not reported Zero Follow-up rate:5.7	3.9
				Provider education	Provider reminders	N: Baseline rate: Follow-up rate:3.5	Not reported Zero Follow-up rate:5.8	N: Baseline rate: Follow-up rate:5.8	Not reported Zero Follow-up rate:5.8	2.3
				Provider education	Provider education Provider reminders	N: Baseline rate: Follow-up rate:3.5	Not reported Zero Follow-up rate:5.7	N: Baseline rate: Follow-up rate:5.7	Not reported Zero Follow-up rate:5.7	2.2
				Provider reminders	Provider education Provider reminders	N: Baseline rate: Follow-up rate:5.8	Not reported Zero Follow-up rate:5.7	N: Baseline rate: Follow-up rate:5.7	Not reported Zero Follow-up rate:5.7	-0.1
CARLSSON 1997 Other CCT	Under & over 65 No vulnerable populations targeted Included: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Control/ usual care	Patient education	N: Baseline rate: Follow-up rate:	81 N: Not reported 29.0	N: Baseline rate: Follow-up rate:	87 Not reported 50.0	21.0
CINCIRIP 1994 USA CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Group therapy/counseling - leader not trained	Individual counseling Self-help	N: Baseline rate: Follow-up rate:	17 N: Zero 41.0	N: Baseline rate: Follow-up rate:6.0	17 Zero	-35.0
CINCIRIP 1995 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Patient reminders	Patient reminders	N: Baseline rate: Follow-up rate:	32 N: Not reported 44.0	N: Baseline rate: Follow-up rate:	33 Not reported 18.0	-26.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	32 N: Not reported 44.0	N: Baseline rate: Follow-up rate:	31 Not reported 32.0	-12.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	32 N: Not reported 44.0	N: Baseline rate: Follow-up rate:	32 Not reported 22.0	-22.0
				Patient reminders	Patient reminders	N: Baseline rate: Follow-up rate:	33 N: Not reported 18.0	N: Baseline rate: Follow-up rate:	31 Not reported 32.0	14.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	33 N: Not reported 18.0	N: Baseline rate: Follow-up rate:	32 Not reported 22.0	4.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	31 N: Not reported 32.0	N: Baseline rate: Follow-up rate:	32 Not reported 22.0	-10.0
				Patient reminders	Patient reminders	N: Baseline rate: Follow-up rate:	31 N: Not reported 32.0	N: Baseline rate: Follow-up rate:	32 Not reported 22.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	32.0 Not reported 32.0	N: Baseline rate: Follow-up rate:	22.0 Not reported 22.0	

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CINCIRIP 1995 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Not sure Mainly urban/suburban Outpatient, clinic Not applicable	Patient education	Patient education	N:	22 N:	28	-13.0
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	36.0 Follow-up rate:	23.0	
				Patient education	Patient education	N:	22 N:	26	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	36.0 Follow-up rate:	25.0	
					Mediations anxiolytics				
				Patient education	Patient education	N:	22 N:	25	
Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero					
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	36.0 Follow-up rate:	12.0					
	Mediations anxiolytics								
	Patient education	Patient education	N:	28 N:	26	2.0			
	Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero				
	Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	23.0 Follow-up rate:	25.0				
		Mediations anxiolytics							
	Patient education	Patient education	N:	28 N:	25	-11.0			
	Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero				
	Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	23.0 Follow-up rate:	12.0				
		Mediations anxiolytics							
	Patient education	Patient education	N:	26 N:	25	-13.0			
	Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero				
	Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	25.0 Follow-up rate:	12.0				
		Mediations anxiolytics							
CLAVEL 1985 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Not sure Not sure Outpatient, clinic Other system	Group therapy/counseling - leader not trained Self-help	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:3.0	222 N: Not reported Baseline rate: Follow-up rate:	205 Not reported 12.0	9.0

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Smoking Cessation Evidence Table

Author Year Country Design	Age Vulnerable populations targeted Comorbidities included or excluded	Target(s)	Research setting Geographic setting Health-care Practice setting Reimbursement system	Intervention 1	Intervention 2	Intervention 1 Characteristics	Intervention 2 Characteristics	ARR	
COHEN 1989 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients Dentists	Nonacademic setting Mainly urban/suburban Outpatient, other Mixed	Provider education	Provider education	N:	Not reported N:	Not reported	0.9
				Individual counseling	Detailing Provider reminders Individual counseling	Baseline rate: Follow-up rate:7.7	Not reported Not reported Follow-up rate:8.6	Not reported Not reported	
				Provider education	Provider education	N:	Not reported N:	Not reported	8.6
				Individual counseling	Detailing Individual counseling Medications NRT: gum	Baseline rate: Follow-up rate:7.7	Not reported Not reported Follow-up rate:	Not reported Not reported 16.3	
				Provider education	Provider education	N:	Not reported N:	Not reported	9.2
				Individual counseling	Detailing Provider reminders Individual counseling Medications NRT: gum	Baseline rate: Follow-up rate:7.7	Not reported Not reported Follow-up rate:	Not reported Not reported 16.9	
				Provider education	Provider education	N:	Not reported N:	Not reported	7.7
Detailing Provider reminders Individual counseling	Detailing Individual counseling Medications NRT: gum	Baseline rate: Follow-up rate:8.6	Not reported Not reported Follow-up rate:	Not reported Not reported 16.3					
Provider education	Provider education	N:	Not reported N:	Not reported	8.3				
Detailing Provider reminders Individual counseling	Detailing Provider reminders Individual counseling Medications NRT: gum	Baseline rate: Follow-up rate:8.6	Not reported Not reported Follow-up rate:	Not reported Not reported 16.9					
Provider education	Provider education	N:	Not reported N:	Not reported	0.6				
Detailing Individual counseling Medications NRT: gum	Detailing Provider reminders Individual counseling Medications NRT: gum	Baseline rate: Follow-up rate:	Not reported Not reported 16.3 Follow-up rate:	Not reported Not reported 16.9					

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COHEN 1989 USA RCT	Adults under 65 only Low-income populations No special exceptions for comorbidity	Patients Physicians	Academic setting Mainly urban/suburban Outpatient, physician Not applicable	Control/ usual care	Provider education	N: Not reported	N: Not reported	6.4
				Provider education	Provider reminders	Baseline rate: Zero	Baseline rate: Zero	
				Individual counseling	Individual counseling	Follow-up rate:1.5	Follow-up rate:7.9	
				Control/ usual care	Provider education	N: Not reported	N: Not reported	3.2
				Provider education	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero	
				Individual counseling	Individual counseling Medications NRT: gum	Follow-up rate:1.5	Follow-up rate:4.7	
				Control/ usual care	Provider education	N: Not reported	N: Not reported	3.7
Provider education	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero					
Individual counseling	Provider reminders Individual counseling Medications NRT: gum	Follow-up rate:1.5	Follow-up rate:5.2					
Provider education	Provider education	N: Not reported	N: Not reported	-3.2				
Provider reminders	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero					
Individual counseling	Individual counseling Medications NRT: gum	Follow-up rate:7.9	Follow-up rate:4.7					
Provider education	Provider education	N: Not reported	N: Not reported	-2.7				
Provider reminders	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero					
Individual counseling	Provider reminders Individual counseling Medications NRT: gum	Follow-up rate:7.9	Follow-up rate:5.2					
Provider education	Provider education	N: Not reported	N: Not reported	0.5				
Patient financial incentive	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero					
Individual counseling	Provider reminders Individual counseling Medications NRT: gum	Follow-up rate:4.7	Follow-up rate:5.2					
COTTRAUX 1983 France RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Other system	Control/ usual care	Individual counseling	N: 140	N: 140	7.2
					Placebo: pills	Baseline rate: Zero	Baseline rate: Zero	
						Follow-up rate:6.4	Follow-up rate:	13.6
Control/ usual care	Group therapy/counseling - leader not trained Self-help	N: 140	N: 138	0.8				
		Baseline rate: Zero	Baseline rate: Zero					
		Follow-up rate:6.4	Follow-up rate:7.2					
Individual counseling	Group therapy/counseling - leader not trained Self-help	N: 140	N: 138	-6.4				
Placebo: pills		Baseline rate: Zero	Baseline rate: Zero					
		Follow-up rate:	13.6 Follow-up rate:7.2					

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						Characteristics	Characteristics	Characteristics	Characteristics	
COX 1990 USA CBA	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Other system	Control/ usual care	Patient financial incentive	N:	31 N:	137	15.0	
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
					Medications NRT: gum	Follow-up rate:	23.0	Follow-up rate:	38.0	
				Control/ usual care	Patient financial incentive	N:	31 N:	207	4.0	
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
					Medications NRT: gum	Follow-up rate:	23.0	Follow-up rate:	27.0	
				Patient financial incentive	Patient financial incentive	N:	137 N:	207	-11.0	
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Medications NRT: gum	Medications NRT: gum	Follow-up rate:	38.0	Follow-up rate:	27.0	
CREALEY 1998 Other CBA	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, other Other system	Control/ usual care	Patient education	N:	60 N:	48	40.0	
					Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported	
CROGHAN . USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Individual counseling	Individual counseling	N:	Not reported N:	Not reported	2.0	
				Medications NRT: nasal spray	Medications NRT: patch	Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:9.0		Follow-up rate:	11.0	
				Individual counseling	Medications NRT: patch	N:	Not reported N:	Not reported	3.0	
				Medications NRT: nasal spray	Medications NRT: nasal spray	Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:9.0		Follow-up rate:	12.0	
				Individual counseling	Medications NRT: patch	N:	Not reported N:	Not reported	1.0	
				Medications NRT: patch	Medications NRT: nasal spray	Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:	11.0	Follow-up rate:	12.0	
CUCKLE 1984 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Other system	Control/ usual care	Patient education	N:	719 N:	643	2.0	
					Self-help	Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:7.0		Follow-up rate:9.0		
				Control/ usual care	Patient education	N:	719 N:	599	2.0	
					Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported	
					Self-help	Follow-up rate:7.0		Follow-up rate:9.0		
				Patient education	Patient education	N:	643 N:	599	0.0	
				Self-help	Patient reminders	Baseline rate:	Not reported	Baseline rate:	Not reported	
					Self-help	Follow-up rate:9.0		Follow-up rate:9.0		
CUMMINGS 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians Organizations	Nonacademic setting Mainly urban/suburban Outpatient, physician Mixed	Control/ usual care	Provider education	N:	437 N:	463	0.7	
				Patient reminders	Detailing	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Individual counseling	Patient reminders	Follow-up rate:2.5		Follow-up rate:3.2		
				Medications NRT: gum	Provider reminders					
				Self-help	Individual counseling					
				Medications NRT: gum						
				Self-help						
				Organizational change						

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CUMMINGS 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians Nurses	Nonacademic setting Mainly urban/suburban Outpatient, physician HMO	Control/ usual care Patient education	Patient education Provider education Provider reminders	N: Baseline rate: Follow-up rate:1.5	1008 N: Not reported Baseline rate: Follow-up rate:2.6	1004 Not reported Zero Zero	1.1
CUMMINGS 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Mainly urban/suburban Not applicable Not applicable	Control/ usual care Patient education	Self-help	N: Baseline rate: Follow-up rate:7.0	486 N: Zero Baseline rate: Follow-up rate:4.0	252 Zero Zero	-3.0
				Control/ usual care Patient education	Self-help	N: Baseline rate: Follow-up rate:7.0	486 N: Zero Baseline rate: Follow-up rate:5.0	250 Zero Zero	-2.0
				Control/ usual care Patient education	Self-help	N: Baseline rate: Follow-up rate:7.0	486 N: Zero Baseline rate: Follow-up rate:8.0	275 Zero Zero	1.0
				Control/ usual care Patient education	Self-help	N: Baseline rate: Follow-up rate:7.0	486 N: Zero Baseline rate: Follow-up rate:5.0	253 Zero Zero	-2.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:4.0	252 N: Zero Baseline rate: Follow-up rate:5.0	250 Zero Zero	1.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:4.0	252 N: Zero Baseline rate: Follow-up rate:8.0	275 Zero Zero	4.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:4.0	252 N: Zero Baseline rate: Follow-up rate:5.0	253 Zero Zero	1.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:5.0	250 N: Zero Baseline rate: Follow-up rate:8.0	275 Zero Zero	3.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:5.0	250 N: Zero Baseline rate: Follow-up rate:5.0	253 Zero Zero	0.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:8.0	275 N: Zero Baseline rate: Follow-up rate:5.0	253 Zero Zero	-3.0

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CURRY 1991 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable HMO	Control/ usual care	Patient education	N: 305	N: 304	-2.2
				Self-help	Self-help	Baseline rate: Zero	Baseline rate: Zero	Zero
						Follow-up rate: 11.1	Follow-up rate: 8.9	8.9
				Control/ usual care	Patient financial incentive	N: 305	N: 304	-4.4
				Self-help	Self-help	Baseline rate: Zero	Baseline rate: Zero	Zero
						Follow-up rate: 11.1	Follow-up rate: 6.7	6.7
CURRY 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mixed rural/urban/suburban Outpatient, clinic Not applicable	Control/ usual care	Patient education	N: 305	N: 304	-4.2
				Self-help	Self-help	Baseline rate: Zero	Baseline rate: Zero	Not reported
						Follow-up rate: 11.1	Follow-up rate: 6.9	6.9
				Patient education	Patient financial incentive	N: 304	N: 304	-2.2
				Self-help	Self-help	Baseline rate: Zero	Baseline rate: Zero	Zero
						Follow-up rate: 8.9	Follow-up rate: 6.7	6.7
CURRY 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient education	Patient education	N: 304	N: 304	-2.0
				Self-help	Self-help	Baseline rate: Zero	Baseline rate: Zero	Not reported
						Follow-up rate: 8.9	Follow-up rate: 6.9	6.9
				Patient financial incentive	Patient financial incentive	N: 304	N: 304	0.2
				Self-help	Self-help	Baseline rate: Zero	Baseline rate: Zero	Not reported
						Follow-up rate: 6.7	Follow-up rate: 6.9	6.9
CURRY 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient education	Patient education	N: 41	N: 24	13.0
				Patient financial incentive	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero	Zero
				Self-help	Group therapy/counseling - leader trained	Follow-up rate: 29.0	Follow-up rate: 42.0	42.0
				Patient education	Patient financial incentive	N: 41	N: 50	7.0
				Patient financial incentive	Self-help	Baseline rate: Zero	Baseline rate: Zero	Zero
				Self-help	Self-help	Follow-up rate: 29.0	Follow-up rate: 36.0	36.0
				Patient education	Patient education	N: 41	N: 24	-1.0
				Patient financial incentive	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero	Zero
CURRY 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mixed rural/urban/suburban Outpatient, clinic Not applicable	Self-help	Group therapy/counseling - leader trained	Follow-up rate: 29.0	Follow-up rate: 28.0	28.0
				Patient education	Patient financial incentive	N: 24	N: 50	-6.0
				Patient financial incentive	Self-help	Baseline rate: Zero	Baseline rate: Zero	Zero
				Group therapy/counseling - leader trained	Self-help	Follow-up rate: 42.0	Follow-up rate: 36.0	36.0
				Self-help	Self-help			
				Patient education	Patient education	N: 24	N: 24	-14.0
				Patient financial incentive	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero	Zero
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate: 42.0	Follow-up rate: 28.0	28.0
CURRY 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient financial incentive	Patient education	N: 50	N: 24	-8.0
				Self-help	Self-help	Baseline rate: Zero	Baseline rate: Zero	Zero
						Follow-up rate: 36.0	Follow-up rate: 28.0	28.0

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						Characteristics		Characteristics		
CURRY 1995 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Not applicable HMO	Control/ usual care	Self-help	N: 328	N: 330	Baseline rate: Not reported	Baseline rate: Not reported	-1.0
						Follow-up rate:2.0	Follow-up rate:1.0			
				Control/ usual care	Self-help Comp.Info	N: 328	N: 329	Baseline rate: Not reported	Baseline rate: Not reported	0.0
						Follow-up rate:2.0	Follow-up rate:2.0			
				Control/ usual care	Individual counseling Self-help	N: 328	N: 150	Baseline rate: Not reported	Baseline rate: Not reported	2.0
						Follow-up rate:2.0	Follow-up rate:4.0			
				Self-help	Self-help Comp.Info	N: 330	N: 329	Baseline rate: Not reported	Baseline rate: Not reported	1.0
						Follow-up rate:1.0	Follow-up rate:2.0			
				Self-help	Individual counseling Self-help	N: 330	N: 150	Baseline rate: Not reported	Baseline rate: Not reported	3.0
						Follow-up rate:1.0	Follow-up rate:4.0			
				Self-help Comp.Info	Individual counseling Self-help	N: 329	N: 150	Baseline rate: Not reported	Baseline rate: Not reported	2.0
						Follow-up rate:2.0	Follow-up rate:4.0			

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	Target(s)			Intervention 1	Intervention 2	Characteristics	Characteristics	Characteristics	Characteristics	
DALE 1995 USA RCT	Adults under 65 only	Patients No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Academic setting Mainly urban/suburban Hospital & outpatient Mixed	Patient financial incentive	Patient financial incentive	N:	18 N:	18	.	
	Group therapy/counseling - leader not trained			Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported		
	Individual counseling			Individual counseling	Follow-up rate:	Not reported	Follow-up rate:	41.0		
	Medications NRT: patch			Medications NRT: patch						
	Self-help			Self-help						
	Patient financial incentive			Patient financial incentive	N:	18 N:	17	.		
	Group therapy/counseling - leader not trained			Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported		
	Individual counseling			Individual counseling	Follow-up rate:	Not reported	Follow-up rate:	35.0		
				Medications NRT: patch	Medications NRT: patch					
				Self-help	Self-help					
				Patient financial incentive	Patient financial incentive	N:	18 N:	18	.	
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Individual counseling	Individual counseling	Follow-up rate:	Not reported	Follow-up rate:	67.0	
				Medications NRT: patch	Medications NRT: patch					
				Self-help	Self-help					
				Patient financial incentive	Patient financial incentive	N:	18 N:	17	-6.0	
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Individual counseling	Individual counseling	Follow-up rate:	41.0	Follow-up rate:	35.0	
				Medications NRT: patch	Medications NRT: patch					
				Self-help	Self-help					
				Patient financial incentive	Patient financial incentive	N:	18 N:	18	26.0	
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Individual counseling	Individual counseling	Follow-up rate:	41.0	Follow-up rate:	67.0	
				Medications NRT: patch	Medications NRT: patch					
				Self-help	Self-help					
				Patient financial incentive	Patient financial incentive	N:	17 N:	18	32.0	
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Individual counseling	Individual counseling	Follow-up rate:	35.0	Follow-up rate:	67.0	
				Medications NRT: patch	Medications NRT: patch					
				Self-help	Self-help					
DANAHER 1980 USA RCT	Under & over 65	Patients No vulnerable populations targeted No special exceptions for comorbidity	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Patient education	Medication other drug	N:	17 N:	16	25.7	
					Baseline rate:	Not reported	Baseline rate:	Not reported		
					Follow-up rate:	11.8	Follow-up rate:	37.5		
			Patient education	Medication other drug	N:	17 N:	14	16.8		
				Self-help	Baseline rate:	Not reported	Baseline rate:	Not reported		
					Follow-up rate:	11.8	Follow-up rate:	28.6		
			Medication other drug	Medication other drug	N:	16 N:	14	-8.9		
				Self-help	Baseline rate:	Not reported	Baseline rate:	Not reported		
					Follow-up rate:	37.5	Follow-up rate:	28.6		

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						Characteristics		Characteristics		
DAUGHTON 1991 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mainly urban/suburban Outpatient, clinic Not applicable	Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 25	N: 27	Baseline rate: Not reported	Baseline rate: Not reported	-8.0
				Individual counseling	Individual counseling	Follow-up rate: 12.0	Follow-up rate: 4.0			
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 25	N: 27	Baseline rate: Not reported	Baseline rate: Not reported	18.0
				Individual counseling	Individual counseling	Follow-up rate: 12.0	Follow-up rate: 30.0			
					Medications NRT: patch					
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 25	N: 28	Baseline rate: Not reported	Baseline rate: Not reported	20.0
				Individual counseling	Medications NRT: patch	Follow-up rate: 12.0	Follow-up rate: 32.0			
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 25	N: 25	Baseline rate: Not reported	Baseline rate: Not reported	12.0
				Individual counseling	Individual counseling	Follow-up rate: 12.0	Follow-up rate: 24.0			
					Medications NRT: patch					
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 25	N: 26	Baseline rate: Not reported	Baseline rate: Not reported	7.0
				Individual counseling	Medications NRT: patch	Follow-up rate: 12.0	Follow-up rate: 19.0			
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 27	N: 27	Baseline rate: Not reported	Baseline rate: Not reported	26.0
Individual counseling	Individual counseling	Follow-up rate: 4.0	Follow-up rate: 30.0							
	Medications NRT: patch									
Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 27	N: 28	Baseline rate: Not reported	Baseline rate: Not reported	28.0				
Individual counseling	Medications NRT: patch	Follow-up rate: 4.0	Follow-up rate: 32.0							
Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 27	N: 25	Baseline rate: Not reported	Baseline rate: Not reported	20.0				
Individual counseling	Individual counseling	Follow-up rate: 4.0	Follow-up rate: 24.0							
	Medications NRT: patch									
Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 27	N: 26	Baseline rate: Not reported	Baseline rate: Not reported	15.0				
Individual counseling	Medications NRT: patch	Follow-up rate: 4.0	Follow-up rate: 19.0							
Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 27	N: 28	Baseline rate: Not reported	Baseline rate: Not reported	2.0				
Individual counseling	Medications NRT: patch	Follow-up rate: 30.0	Follow-up rate: 32.0							
	Medications NRT: patch									
Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 27	N: 25	Baseline rate: Not reported	Baseline rate: Not reported	-6.0				
Individual counseling	Individual counseling	Follow-up rate: 30.0	Follow-up rate: 24.0							
	Medications NRT: patch									
Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 27	N: 26	Baseline rate: Not reported	Baseline rate: Not reported	-11.0				
Individual counseling	Medications NRT: patch	Follow-up rate: 30.0	Follow-up rate: 19.0							
	Medications NRT: patch									

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						N:	Baseline rate:	Not reported	N:		Baseline rate:	Not reported					
DAUGHTON 1991 USA RCT (continued)	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mainly urban/suburban Outpatient, clinic Not applicable	Group therapy/counseling - leader not trained Medications NRT: patch	Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	N:	28	N:	25	-8.0							
						Baseline rate:	Not reported	Baseline rate:	Not reported								
						Follow-up rate:	32.0	Follow-up rate:	24.0								
DAUGHTON 1991 USA RCT (continued)	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mainly urban/suburban Outpatient, clinic Not applicable	Group therapy/counseling - leader not trained Medications NRT: patch	Group therapy/counseling - leader not trained Medications NRT: patch	N:	28	N:	26	-13.0							
						Baseline rate:	Not reported	Baseline rate:	Not reported								
						Follow-up rate:	32.0	Follow-up rate:	19.0								
DAUGHTON 1991 USA RCT (continued)	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Mainly urban/suburban Outpatient, clinic Not applicable	Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	Group therapy/counseling - leader not trained Medications NRT: patch	N:	25	N:	26	-5.0							
						Baseline rate:	Not reported	Baseline rate:	Not reported								
						Follow-up rate:	24.0	Follow-up rate:	19.0								
DAVIES 1992 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Nurses	Academic setting Mixed rural/urban/suburban Not applicable Other system	Patient education Provider education	Patient education Self-help	N:	133	N:	124	-1.4							
						Baseline rate:	Zero	Baseline rate:	Zero								
DAVIS 1986 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N:	Not reported	N:	Not reported	9.0							
						Baseline rate:	Not reported	Baseline rate:	Not reported								
						Follow-up rate:	12.0	Follow-up rate:	21.0								
DAVIS 1986 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N:	Not reported	N:	Not reported	1.0							
						Baseline rate:	Not reported	Baseline rate:	Not reported								
						Follow-up rate:	12.0	Follow-up rate:	13.0								
DAVIS 1986 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N:	Not reported	N:	Not reported	-8.0							
						Baseline rate:	Not reported	Baseline rate:	Not reported								
						Follow-up rate:	21.0	Follow-up rate:	13.0								
DAVIS 1984 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Patient education	Patient education Self-help	N:	308	N:	312	2.0							
						Baseline rate:	Zero	Baseline rate:	Zero								
						Follow-up rate:	2.0	Follow-up rate:	4.0								
						DAVIS 1984 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable		Patient education	Self-help	N:	308	N:	308	1.0
													Baseline rate:	Zero	Baseline rate:	Zero	
													Follow-up rate:	2.0	Follow-up rate:	3.0	
						DAVIS 1984 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable		Patient education	Self-help	N:	308	N:	309	3.0
Baseline rate:	Zero	Baseline rate:	Zero														
Follow-up rate:	2.0	Follow-up rate:	5.0														
DAVIS 1984 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Patient education Self-help	Self-help	N:	312	N:	308	-1.0							
						Baseline rate:	Zero	Baseline rate:	Zero								
						Follow-up rate:	4.0	Follow-up rate:	3.0								
DAVIS 1984 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Patient education Self-help	Self-help	N:	312	N:	309	1.0							
						Baseline rate:	Zero	Baseline rate:	Zero								
						Follow-up rate:	4.0	Follow-up rate:	5.0								
DAVIS 1984 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Self-help	Self-help	N:	308	N:	309	2.0							
						Baseline rate:	Zero	Baseline rate:	Zero								
Follow-up rate:	3.0	Follow-up rate:	5.0														

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DAVIS 1992 USA CCT	Adults under 65 only Other vulnerable populations No special exceptions for comorbidity	Patients	Not sure Mainly urban/suburban Not applicable Not applicable	Self-help	Self-help	N: 198 Baseline rate: Zero Follow-up rate: 10.0	N: 203 Baseline rate: Zero Follow-up rate: 9.0	-1.0
				Self-help	Self-help	N: 198 Baseline rate: Zero Follow-up rate: 10.0	N: 229 Baseline rate: Zero Follow-up rate: 10.0	0.0
				Self-help	Self-help	N: 203 Baseline rate: Zero Follow-up rate: 9.0	N: 229 Baseline rate: Zero Follow-up rate: 10.0	1.0
DEMERS 1990 USA CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Nonacademic setting Mainly rural Outpatient, physician Mixed	Control/ usual care	Control/ usual care	N: 24 Baseline rate: Zero Follow-up rate: 4.0	N: 134 Baseline rate: Zero Follow-up rate: 3.0	-1.0
				Control/ usual care	Provider reminders Individual counseling	N: 24 Baseline rate: Zero Follow-up rate: 4.0	N: 181 Baseline rate: Zero Follow-up rate: 8.0	4.0
				Control/ usual care	Provider reminders Individual counseling	N: 134 Baseline rate: Zero Follow-up rate: 3.0	N: 181 Baseline rate: Zero Follow-up rate: 8.0	5.0
DIGIUSTO 1995 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education Patient financial incentive Self-help	Patient financial incentive Patient reminders Group therapy/counseling - leader not trained	N: Not reported Baseline rate: Not reported Follow-up rate: 33.0	N: Not reported Baseline rate: Not reported Follow-up rate: 40.0	7.0
DIJKSTRA 1997 Netherlands RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Not applicable Other system	Control/ usual care	Patient education	N: 250 Baseline rate: Not reported Follow-up rate: 1.6	N: 247 Baseline rate: Not reported Follow-up rate: 2.4	0.8
				Control/ usual care	Self-help	N: 250 Baseline rate: Not reported Follow-up rate: 1.6	N: 244 Baseline rate: Not reported Follow-up rate: 3.3	1.7
				Control/ usual care	Patient education Self-help	N: 250 Baseline rate: Not reported Follow-up rate: 1.6	N: 249 Baseline rate: Not reported Follow-up rate: 4.8	3.2
				Patient education	Self-help	N: 247 Baseline rate: Not reported Follow-up rate: 2.4	N: 244 Baseline rate: Not reported Follow-up rate: 3.3	0.9
				Patient education	Patient education Self-help	N: 247 Baseline rate: Not reported Follow-up rate: 2.4	N: 249 Baseline rate: Not reported Follow-up rate: 4.8	2.4
				Self-help	Patient education Self-help	N: 244 Baseline rate: Not reported Follow-up rate: 3.3	N: 249 Baseline rate: Not reported Follow-up rate: 4.8	1.5

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DIJKSTRA 1999 Netherlands RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Control/ usual care	Self-help	N: 182 Baseline rate: Not reported Follow-up rate:5.5	N: 187 Baseline rate: Not reported Follow-up rate:3.2	-2.3
				Control/ usual care	Self-help	N: 182 Baseline rate: Not reported Follow-up rate:5.5	N: 180 Baseline rate: Not reported Follow-up rate:4.4	-1.1
				Control/ usual care	Self-help	N: 182 Baseline rate: Not reported Follow-up rate:5.5	N: 201 Baseline rate: Not reported Follow-up rate:3.5	-2.0
				Self-help	Self-help	N: 187 Baseline rate: Not reported Follow-up rate:3.2	N: 180 Baseline rate: Not reported Follow-up rate:4.4	1.2
				Self-help	Self-help	N: 187 Baseline rate: Not reported Follow-up rate:3.2	N: 201 Baseline rate: Not reported Follow-up rate:3.5	0.3
				Self-help	Self-help	N: 180 Baseline rate: Not reported Follow-up rate:4.4	N: 201 Baseline rate: Not reported Follow-up rate:3.5	-0.9
DOW 1984 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic Not sure Outpatient, clinic Other system	Patient education	Patient education	N: 178 Baseline rate: Zero Follow-up rate:8.4	N: 31 Baseline rate: Zero Follow-up rate:3.2	-5.2
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 33 Baseline rate: Zero Follow-up rate:8.4	N: 24.2 Baseline rate: Zero Follow-up rate:	15.8
				Patient education	Patient education	N: 178 Baseline rate: Zero Follow-up rate:8.4	N: 35 Baseline rate: Zero Follow-up rate:	8.7
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 178 Baseline rate: Zero Follow-up rate:8.4	N: 35 Baseline rate: Zero Follow-up rate:	21.0
				Patient education	Patient education	N: 31 Baseline rate: Zero Follow-up rate:3.2	N: 33 Baseline rate: Zero Follow-up rate:	13.9
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 31 Baseline rate: Zero Follow-up rate:3.2	N: 35 Baseline rate: Zero Follow-up rate:	-7.1
				Patient education	Patient education	N: 33 Baseline rate: Zero Follow-up rate:	N: 35 Baseline rate: Zero Follow-up rate:	
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: 24.2 Baseline rate: Zero Follow-up rate:	N: 17.1 Baseline rate: Zero Follow-up rate:	

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						Characteristics	Characteristics	Characteristics	Characteristics	
ELLIOT 1978 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Control/ usual care	Patient education Medication other drug Self-help	N:	Not reported	N:	Not reported	45.0
						Baseline rate:	Not reported	Baseline rate:	Not reported	
				Control/ usual care	Patient education Medication other drug	N:	Not reported	N:	Not reported	45.0
						Baseline rate:	Not reported	Baseline rate:	Not reported	
				Control/ usual care	Patient education Medication other drug	N:	Not reported	N:	Not reported	12.0
						Baseline rate:	Not reported	Baseline rate:	Not reported	
				Patient education Medication other drug Self-help	Patient education Medication other drug	N:	Not reported	N:	Not reported	17.0
Baseline rate:	Not reported	Baseline rate:	Not reported							
Patient education Medication other drug Self-help	Patient education Medication other drug	N:	Not reported	N:	Not reported	-33.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					
Patient education Medication other drug Self-help	Patient education Medication other drug	N:	Not reported	N:	Not reported	-28.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					
Patient education Medication other drug	Patient education Medication other drug	N:	Not reported	N:	Not reported	5.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					
ETRINGER 1984 USA CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N:	19 N:	N:	22	13.0
						Baseline rate:	Not reported	Baseline rate:	Not reported	
				Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N:	19 N:	N:	16	-26.0
						Baseline rate:	Not reported	Baseline rate:	Not reported	
				Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N:	19 N:	N:	15	8.0
						Baseline rate:	Not reported	Baseline rate:	Not reported	
				Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N:	22 N:	N:	16	-39.0
Baseline rate:	Not reported	Baseline rate:	Not reported							
Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N:	22 N:	N:	15	-5.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					
Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N:	16 N:	N:	15	34.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					
Patient education Individual counseling	Patient education Individual counseling Medications NRT: gum	N:	49 N:	N:	47	12.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					
Patient education Individual counseling	Patient education Individual counseling Medications NRT: gum	N:	49 N:	N:	47	12.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					
Patient education Individual counseling	Patient education Individual counseling Medications NRT: gum	N:	49 N:	N:	47	12.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					
Patient education Individual counseling	Patient education Individual counseling Medications NRT: gum	N:	49 N:	N:	47	12.0				
		Baseline rate:	Not reported	Baseline rate:	Not reported					

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						Characteristics	Characteristics	Characteristics	Characteristics	
FAGERSTR 1984 Other CCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Patient education	Patient education	N:	27 N:		22	9.0
				Individual counseling	Patient reminders	Baseline rate:	Zero Baseline rate:	Zero		
					Individual counseling	Follow-up rate:6.0	Follow-up rate:	15.0		
				Patient education	Patient education	N:	27 N:	46		
				Individual counseling	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
					Individual counseling	Follow-up rate:6.0	Follow-up rate:	24.0		
					Medications NRT: gum					
Patient education	Patient education	N:	27 N:	50						
Individual counseling	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero						
	Patient reminders	Follow-up rate:6.0	Follow-up rate:	32.0						
	Individual counseling									
	Medications NRT: gum									
Patient education	Patient education	N:	22 N:	46						
Patient reminders	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero						
Individual counseling	Individual counseling	Follow-up rate:	15.0 Follow-up rate:	24.0						
	Medications NRT: gum									
Patient education	Patient education	N:	22 N:	50						
Patient reminders	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero						
Individual counseling	Patient reminders	Follow-up rate:	15.0 Follow-up rate:	32.0						
	Individual counseling									
	Medications NRT: gum									
Patient education	Patient education	N:	46 N:	50						
Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero						
Individual counseling	Patient reminders	Follow-up rate:	24.0 Follow-up rate:	32.0						
	Individual counseling									
	Medications NRT: gum									
	Medications NRT: gum									
FAGERSTR 1983 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Not sure Outpatient, clinic Other system	Patient financial incentive Individual counseling	Patient financial incentive Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:	Not reported N: Zero Baseline rate: 36.0 Follow-up rate:	Not reported Zero 50.0	14.0	
FEE 1982 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Not sure Outpatient, clinic Other system	Patient education Patient reminders Group therapy/counseling - leader trained	Patient education Patient reminders Group therapy/counseling - leader trained Medications NRT: gum	N: Baseline rate: Follow-up rate:8.7	172 N: Not reported Baseline rate: Follow-up rate:	180 Not reported 12.7	4.0	
FIORE 1994 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient education Patient financial incentive Group therapy/counseling - leader trained	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: patch	N: Baseline rate: Follow-up rate:	43 N: Zero Baseline rate: 20.9 Follow-up rate:	44 Zero 34.1	13.2	

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FIORE 1994 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient education Patient financial incentive Individual counseling	Patient education Patient financial incentive Individual counseling Medications NRT: patch	N: 55 Baseline rate: Follow-up rate:7.3	N: Zero Baseline rate: Follow-up rate:	57 Zero 17.5	10.2
FISHER 1998 USA CBA	Under & over 65 African Americans, Low-income populations No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Mixed	Control/ usual care	Patient education	N: Baseline rate: Follow-up rate:	457 N: 66.0 Baseline rate: 67.0 Follow-up rate:	1034 66.0 73.0	6.0
FLAY 1989 USA CBA	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Communities	Nonacademic setting Mainly urban/suburban Outpatient, other Not applicable	MassMedia Self-help	Group therapy/counseling - leader trained MassMedia Self-help	N: Baseline rate: Follow-up rate:	1191 N: Not reported Baseline rate: 10.0 Follow-up rate:5.0	212 Not reported Not reported	-5.0
				MassMedia Self-help	MassMedia Self-help	N: Baseline rate: Follow-up rate:	1191 N: Not reported Baseline rate: 10.0 Follow-up rate:3.0	192 Not reported Not reported	-7.0
				MassMedia Self-help	Group therapy/counseling - leader trained MassMedia Self-help	N: Baseline rate: Follow-up rate:	1191 N: Not reported Baseline rate: 10.0 Follow-up rate:7.0	233 Not reported Not reported	-3.0
				Group therapy/counseling - leader trained MassMedia Self-help	MassMedia Self-help	N: Baseline rate: Follow-up rate:5.0	212 N: Not reported Baseline rate: Follow-up rate:3.0	192 Not reported Not reported	-2.0
				Group therapy/counseling - leader trained MassMedia Self-help	Group therapy/counseling - leader trained MassMedia Self-help	N: Baseline rate: Follow-up rate:5.0	212 N: Not reported Baseline rate: Follow-up rate:7.0	233 Not reported Not reported	2.0
				MassMedia Self-help	Group therapy/counseling - leader trained MassMedia Self-help	N: Baseline rate: Follow-up rate:3.0	192 N: Not reported Baseline rate: Follow-up rate:7.0	233 Not reported Not reported	4.0

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						Characteristics	Characteristics	Characteristics	Characteristics	
FORTMANN 1988 USA RCT	Adults under 65 only No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Self-help	Patient education Patient financial incentive Self-help	N: Baseline rate: Follow-up rate:	153 N: Not reported 22.0	148 Not reported 22.0	0.0	
				Self-help	Patient education Patient financial incentive Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	153 N: Not reported 22.0	147 Not reported 31.0	9.0	
				Self-help	Patient education Patient financial incentive Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	153 N: Not reported 22.0	152 Not reported 31.0	9.0	
				Patient education Patient financial incentive Self-help	Patient education Patient financial incentive Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	148 N: Not reported 22.0	147 Not reported 31.0	9.0	
				Patient education Patient financial incentive Self-help	Patient education Patient financial incentive Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	148 N: Not reported 22.0	152 Not reported 31.0	9.0	
				Patient education Patient financial incentive Medications NRT: gum Self-help	Patient education Patient financial incentive Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	147 N: Not reported 31.0	152 Not reported 31.0	0.0	
				Patient financial incentive Self-help	Patient financial incentive Self-help	N: Baseline rate: Follow-up rate:	261 N: Zero 16.0	261 Zero 16.0	0.0	
FORTMANN 1995 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient financial incentive	Patient financial incentive Self-help	N: Baseline rate: Follow-up rate:	261 N: Zero 16.0	261 Zero 16.0	0.0	
				Patient financial incentive	Patient financial incentive Medications NRT: gum	N: Baseline rate: Follow-up rate:	261 N: Zero 16.0	262 Zero 21.0	5.0	
				Patient financial incentive	Patient financial incentive Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	261 N: Zero 16.0	260 Zero 21.0	5.0	
				Patient financial incentive Self-help	Patient financial incentive Medications NRT: gum	N: Baseline rate: Follow-up rate:	261 N: Zero 16.0	262 Zero 21.0	5.0	
				Patient financial incentive Self-help	Patient financial incentive Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	261 N: Zero 16.0	260 Zero 21.0	5.0	
				Patient financial incentive Medications NRT: gum	Patient financial incentive Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	262 N: Zero 21.0	260 Zero 21.0	0.0	

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GILBERT 1989 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Nonacademic setting Mainly urban/suburban Outpatient, physician Other system	Provider education Patient reminders Provider reminders Individual counseling Self-help	Provider education Patient reminders Provider reminders Individual counseling Medications NRT: gum Self-help	N: 111 Baseline rate: Not reported Follow-up rate: 8.1	N: 112 Baseline rate: Not reported Follow-up rate: 10.7	2.6
GILBERT 1992 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Provider education Individual counseling Medications NRT: gum Self-help	Provider education Individual counseling Medications NRT: gum Self-help	N: 317 Baseline rate: Zero Follow-up rate: 10.2	N: 330 Baseline rate: Zero Follow-up rate: 12.5	2.3
GINSBERG 1992 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Not sure Mainly urban/suburban Outpatient, other Mixed	Control/ usual care Patient education Patient financial incentive Medications NRT: gum	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: 35 Baseline rate: Zero Follow-up rate: 40.0	N: 33 Baseline rate: Zero Follow-up rate: 33.0	-7.0
				Control/ usual care Patient education Patient financial incentive Medications NRT: gum	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: 35 Baseline rate: Zero Follow-up rate: 40.0	N: 28 Baseline rate: Zero Follow-up rate: 27.0	-13.0
				Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: 33 Baseline rate: Zero Follow-up rate: 33.0	N: 28 Baseline rate: Zero Follow-up rate: 27.0	-6.0

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						Characteristics	Characteristics	Characteristics	Characteristics	
GLASGOW 1981 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Mainly urban/suburban Not applicable Not applicable	Self-help	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	15 N: Not reported 14.0	N: Baseline rate: Follow-up rate:	14 Not reported Zero	-14.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:	15 N: Not reported 14.0	N: Baseline rate: Follow-up rate:	13 Not reported 8.0	-6.0
				Self-help	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	15 N: Not reported 14.0	N: Baseline rate: Follow-up rate:	16 Not reported 17.0	3.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:	15 N: Not reported 14.0	N: Baseline rate: Follow-up rate:	15 Not reported Zero	-14.0
				Self-help	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	15 N: Not reported 14.0	N: Baseline rate: Follow-up rate:	16 Not reported 24.0	10.0
				Group therapy/counseling - leader trained	Self-help	N: Baseline rate: Follow-up rate:	14 N: Not reported Zero	N: Baseline rate: Follow-up rate:	13 Not reported 8.0	8.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	14 N: Not reported Zero	N: Baseline rate: Follow-up rate:	16 Not reported 17.0	17.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:	14 N: Not reported Zero	N: Baseline rate: Follow-up rate:	15 Not reported Zero	0.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	14 N: Not reported Zero	N: Baseline rate: Follow-up rate:	16 Not reported 24.0	24.0
				Self-help	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	13 N: Not reported 8.0	N: Baseline rate: Follow-up rate:	16 Not reported 17.0	9.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:	13 N: Not reported 8.0	N: Baseline rate: Follow-up rate:	15 Not reported Zero	-8.0
				Self-help	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	13 N: Not reported 8.0	N: Baseline rate: Follow-up rate:	16 Not reported 24.0	16.0
				Group therapy/counseling - leader trained	Self-help	N: Baseline rate: Follow-up rate:	16 N: Not reported 17.0	N: Baseline rate: Follow-up rate:	15 Not reported Zero	-17.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	16 N: Not reported 17.0	N: Baseline rate: Follow-up rate:	16 Not reported 24.0	7.0
				Self-help	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	15 N: Not reported Zero	N: Baseline rate: Follow-up rate:	16 Not reported 24.0	24.0

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						Characteristics		Characteristics		
GLASGOW 1997 USA CBA	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients Organizations	Nonacademic setting Mixed rural/urban/suburban Outpatient, other Not applicable	Control/ usual care	Patient education Self-help	N: Baseline rate: Follow-up rate:	2123 N: 81.0 84.0	N: Baseline rate: Follow-up rate:	2618 83.0 87.0	1.0
GLASSMAN 1993 USA RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence, persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Control/ usual care Patient financial incentive Individual counseling	Patient financial incentive Individual counseling Clonidine	N: Baseline rate: Follow-up rate:	145 N: Not reported 11.0	N: Baseline rate: Follow-up rate:	132 Not reported 15.0	4.0
GLASSMAN 1988 USA RCT	Adults under 65 only No vulnerable populations targeted Included: persons with high nicotine dependence, persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Control/ usual care Individual counseling	Individual counseling Clonidine	N: Baseline rate: Follow-up rate:5.0	38 N: Not reported Follow-up rate:	N: Baseline rate: Follow-up rate:	33 Not reported 27.0	22.0
GOLDBERG . USA CBA	Adults under 65 only African Americans No special exceptions for comorbidity	Patients Physicians	Academic setting Mainly urban/suburban Outpatient, physician Mixed	Control/ usual care	Patient education Provider education Individual counseling	N: Baseline rate: Follow-up rate:	163 N: Not reported 16.2	N: Baseline rate: Follow-up rate:	89 Not reported 14.7	-1.5
GOLDBERG . USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mainly urban/suburban Outpatient, physician Mixed	Patient education	Provider education	N:	Not reported	N:	Not reported	1.9
				Provider education	Prov.Fin	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Prov.Fin	Individual counseling	Follow-up rate:6.2	Follow-up rate:8.1			
				Patient education	Provider education	N:	Not reported	N:	Not reported	4.4
Provider education	Prov.Fin	Baseline rate:	Not reported	Baseline rate:	Not reported					
Prov.Fin	Individual counseling	Follow-up rate:6.2	Follow-up rate:	10.6						
Provider education	Provider education	N:	Not reported	N:	Not reported	2.5				
Prov.Fin	Prov.Fin	Baseline rate:	Not reported	Baseline rate:	Not reported					
Individual counseling	Individual counseling	Follow-up rate:8.1	Follow-up rate:	10.6						

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GOLDSTEI 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Not sure Outpatient, clinic Fee-for-service	Patient education	Patient education	N:	22 N:	18	-11.6		
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero			
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	22.7 Follow-up rate:	11.1			
				Medications NRT: patch	Medications NRT: patch						
				Patient education	Patient education	N:	22 N:	25		9.3	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero			
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	22.7 Follow-up rate:	32.0			
				Medications NRT: patch	Medications NRT: patch						
				Patient education	Patient education	N:	22 N:	24			19.0
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero			
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	22.7 Follow-up rate:	41.7			
				Medications NRT: patch	Medications NRT: patch						
Patient education	Patient education	N:	18 N:	25	20.9						
Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero							
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	11.1 Follow-up rate:	32.0							
Medications NRT: patch	Medications NRT: patch										
Patient education	Patient education	N:	18 N:	24		30.6					
Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero							
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	11.1 Follow-up rate:	41.7							
Medications NRT: patch	Medications NRT: patch										
Patient education	Patient education	N:	25 N:	24			9.7				
Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero							
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	32.0 Follow-up rate:	41.7							
Medications NRT: patch	Medications NRT: patch										
GOURDAY 1995 USA CCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Not sure Mainly urban/suburban Outpatient, clinic Other system	Patient education Individual counseling Medications NRT: patch	Individual counseling Medications NRT: patch			N: Baseline rate: Follow-up rate:2.6	300 N: Not reported Baseline rate: Follow-up rate:6.4	298 Not reported	3.8
GRITZ 1992 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Not applicable HMO	Control/ usual care	Self-help			N: Baseline rate: Follow-up rate:2.4	702 N: Zero Baseline rate: Follow-up rate:3.5	694 Zero	1.1

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GRUDER 1993 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, other Not applicable	Control/ usual care	Patient education	N: 235	N: 279	0.9
				Patient education	Self-help	Baseline rate:	Zero Baseline rate:	Zero
				Self-help		Follow-up rate:	12.8 Follow-up rate:	13.7
				Control/ usual care	Patient education	N: 235	N: 129	5.8
				Patient education	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero
				Self-help	Patient reminders	Follow-up rate:	12.8 Follow-up rate:	18.6
					Group therapy/counseling - leader trained Self-help			
Control/ usual care	Patient education	N: 235	N: 149	8.4				
Patient education	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero				
Self-help	Patient reminders	Follow-up rate:	12.8 Follow-up rate:	21.2				
	Group therapy/counseling - leader trained Self-help							
Patient education	Patient education	N: 279	N: 129	4.9				
Self-help	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero				
	Patient reminders	Follow-up rate:	13.7 Follow-up rate:	18.6				
	Group therapy/counseling - leader trained Self-help							
Patient education	Patient education	N: 279	N: 149	7.5				
Self-help	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero				
	Patient reminders	Follow-up rate:	13.7 Follow-up rate:	21.2				
	Group therapy/counseling - leader trained Self-help							
Patient education	Patient education	N: 129	N: 149	2.6				
Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero				
Patient reminders	Patient reminders	Follow-up rate:	18.6 Follow-up rate:	21.2				
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained							
Self-help	Self-help							

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						N:	Baseline rate:	N:	Baseline rate:	
HALL 1987 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Group therapy/counseling - leader not trained	Group therapy/counseling - leader trained Medication other drug	N:	34 N:	34	0.0	
						Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:	21.0	Follow-up rate:	21.0	
						N:	34 N:	36	29.0	
						Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:	21.0	Follow-up rate:	50.0	
						N:	34 N:	35	13.0	
Baseline rate:	Not reported	Baseline rate:	Not reported							
Follow-up rate:	21.0	Follow-up rate:	34.0							
HALL 1996 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader trained Medications NRT: gum	Group therapy/counseling - leader trained Medications NRT: gum Medication other drug	N:	34 N:	36	29.0	
						Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:	21.0	Follow-up rate:	50.0	
						N:	34 N:	35	13.0	
						Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:	21.0	Follow-up rate:	34.0	
						N:	36 N:	35	-16.0	
Baseline rate:	Not reported	Baseline rate:	Not reported							
Follow-up rate:	50.0	Follow-up rate:	34.0							
HALL 1996 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader trained Medications NRT: gum	Patient education Group therapy/counseling - leader trained Medications NRT: gum	N:	104 N:	85	-9.0	
						Baseline rate:	Not reported	Baseline rate:	Not reported	
Follow-up rate:	32.0	Follow-up rate:	23.0							

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						Characteristics	Characteristics	Characteristics	Characteristics	
HALL 1994 USA RCT	Adults under 65 only No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, other Not applicable	Control/ usual care	Patient education	N:	53 N:	50	-9.0	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate:	25.0	Follow-up rate:	16.0	
				Medications NRT: gum	Medications NRT: gum					
				Control/ usual care	Patient financial incentive	N:	53 N:	17	-7.0	
				Patient financial incentive	Group therapy/counseling - leader trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Group therapy/counseling - leader trained	Medications NRT: gum	Follow-up rate:	25.0	Follow-up rate:	18.0	
				Medications NRT: gum						
HALL 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Not applicable Mixed	Control/ usual care	Patient financial incentive	N:	53 N:	29	9.0	
				Patient financial incentive	Group therapy/counseling - leader trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Group therapy/counseling - leader trained	Medications NRT: gum	Follow-up rate:	25.0	Follow-up rate:	34.0	
				Medications NRT: gum						
				Patient education	Patient financial incentive	N:	50 N:	17	2.0	
				Patient financial incentive	Group therapy/counseling - leader trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Group therapy/counseling - leader trained	Medications NRT: gum	Follow-up rate:	16.0	Follow-up rate:	18.0	
				Medications NRT: gum						
HALL 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Not applicable Mixed	Control/ usual care	Patient financial incentive	N:	50 N:	29	18.0	
				Patient financial incentive	Group therapy/counseling - leader trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Group therapy/counseling - leader trained	Medications NRT: gum	Follow-up rate:	16.0	Follow-up rate:	34.0	
				Medications NRT: gum						
				Patient financial incentive	Patient financial incentive	N:	17 N:	29	16.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Group therapy/counseling - leader trained	Medications NRT: gum	Follow-up rate:	18.0	Follow-up rate:	34.0	
				Medications NRT: gum	Medications NRT: gum					

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				Intervention 1	Intervention 2								
HAMILTON 1979 USA RCT	Adults under 65 only No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Control/ usual care	Group therapy/counseling - leader trained	N: 11	Baseline rate: Not reported	N: 11	Baseline rate: Not reported	11	-27.0		
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate: 36.0	Follow-up rate: 36.0	Follow-up rate: 9.0	Follow-up rate: 9.0	27.0			
				Control/ usual care	Group therapy/counseling - leader trained	N: 11	Baseline rate: Not reported	N: 11	Baseline rate: Not reported	11	Baseline rate: Not reported	11	-9.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate: 36.0	Follow-up rate: 36.0	Follow-up rate: 27.0	Follow-up rate: 27.0	36.0	36.0	0.0	
				Control/ usual care	Patient education	N: 11	Baseline rate: Not reported	N: 11	Baseline rate: Not reported	11	Baseline rate: Not reported	11	19.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate: 36.0	Follow-up rate: 36.0	Follow-up rate: 55.0	Follow-up rate: 55.0	36.0	36.0	18.0	
				Control/ usual care	Group therapy/counseling - leader trained	N: 11	Baseline rate: Not reported	N: 11	Baseline rate: Not reported	11	Baseline rate: Not reported	11	18.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate: 9.0	Follow-up rate: 9.0	Follow-up rate: 27.0	Follow-up rate: 27.0	36.0	36.0	27.0	
				Group therapy/counseling - leader trained	Patient education	N: 11	Baseline rate: Not reported	N: 11	Baseline rate: Not reported	11	Baseline rate: Not reported	11	46.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate: 9.0	Follow-up rate: 9.0	Follow-up rate: 55.0	Follow-up rate: 55.0	36.0	36.0	9.0	
HARACKIE 1988 USA RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Patient education	Patient education	N: 46	Baseline rate: Zero	N: 52	Baseline rate: Zero	52	6.0		
				Patient financial incentive	Patient financial incentive	Follow-up rate: 7.0	Follow-up rate: 7.0	Follow-up rate: 13.0	Follow-up rate: 13.0	13.0			
				Patient education	Patient education	N: 46	Baseline rate: Zero	N: 99	Baseline rate: Zero	99	Baseline rate: Zero	99	5.0
				Patient financial incentive	Patient financial incentive	Follow-up rate: 7.0	Follow-up rate: 7.0	Follow-up rate: 12.0	Follow-up rate: 12.0	12.0	12.0		
				Patient education	Patient education	N: 52	Baseline rate: Zero	N: 99	Baseline rate: Zero	99	Baseline rate: Zero	99	-1.0
				Patient financial incentive	Patient financial incentive	Follow-up rate: 13.0	Follow-up rate: 13.0	Follow-up rate: 12.0	Follow-up rate: 12.0	12.0	12.0		

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						Characteristics	Characteristics	Characteristics	Characteristics	
HARACKIE 1987 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient education	Patient financial incentive	N:	38 N:		47	7.0
				Patient financial incentive	Self-help	Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:8.0	Follow-up rate:	15.0		
				Patient education	Patient financial incentive	N:	38 N:	45	3.0	
				Patient financial incentive	Medications NRT: gum Self-help	Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:8.0	Follow-up rate:	11.0		
				Patient education	Patient financial incentive	N:	38 N:	45	8.0	
Patient financial incentive	Medications NRT: gum Self-help	Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:8.0	Follow-up rate:	16.0						
Patient financial incentive	Patient financial incentive	N:	47 N:	45	-4.0					
Self-help	Medications NRT: gum Self-help	Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	15.0 Follow-up rate:	11.0						
Patient financial incentive	Patient financial incentive	N:	47 N:	45	1.0					
Self-help	Medications NRT: gum Self-help	Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	15.0 Follow-up rate:	16.0						
Patient financial incentive	Patient financial incentive	N:	45 N:	45	5.0					
Medications NRT: gum Self-help	Medications NRT: gum Self-help	Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	11.0 Follow-up rate:	16.0						
HAYFORD 1999 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Individual counseling	Individual counseling	N:	153 N:	153	7.2	
				Self-help	AntiDepress Self-help	Baseline rate:	Not reported Baseline rate:	Not reported		
						Follow-up rate:	12.4 Follow-up rate:	19.6		
				Individual counseling	Individual counseling	N:	153 N:	153	10.5	
				Self-help	AntiDepress Self-help	Baseline rate:	Not reported Baseline rate:	Not reported		
						Follow-up rate:	12.4 Follow-up rate:	22.9		
				Individual counseling	Individual counseling	N:	153 N:	156	10.7	
Self-help	AntiDepress Self-help	Baseline rate:	Not reported Baseline rate:	Not reported						
		Follow-up rate:	12.4 Follow-up rate:	23.1						
Individual counseling	Individual counseling	N:	153 N:	153	3.3					
AntiDepress Self-help	AntiDepress Self-help	Baseline rate:	Not reported Baseline rate:	Not reported						
		Follow-up rate:	19.6 Follow-up rate:	22.9						
Individual counseling	Individual counseling	N:	153 N:	156	3.5					
AntiDepress Self-help	AntiDepress Self-help	Baseline rate:	Not reported Baseline rate:	Not reported						
		Follow-up rate:	19.6 Follow-up rate:	23.1						
Individual counseling	Individual counseling	N:	153 N:	156	0.2					
AntiDepress Self-help	AntiDepress Self-help	Baseline rate:	Not reported Baseline rate:	Not reported						
		Follow-up rate:	22.9 Follow-up rate:	23.1						

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				Intervention 1	Intervention 2					
HERRERA 1995 Other RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	78 N: Not reported 16.6	N: Baseline rate: Follow-up rate:	76 Not reported 39.4	22.8
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	78 N: Not reported 16.6	N: Baseline rate: Follow-up rate:	87 Not reported 34.4	17.8
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	78 N: Not reported 16.6	N: Baseline rate: Follow-up rate:	81 Not reported 16.0	-0.6
				Group therapy/counseling - leader not trained Medications NRT: gum	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	76 N: Not reported 39.4	N: Baseline rate: Follow-up rate:	87 Not reported 34.4	-5.0
				Group therapy/counseling - leader not trained Medications NRT: gum	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	76 N: Not reported 39.4	N: Baseline rate: Follow-up rate:	81 Not reported 16.0	-23.4
				Group therapy/counseling - leader not trained Medications NRT: gum	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	87 N: Not reported 34.4	N: Baseline rate: Follow-up rate:	81 Not reported 16.0	-18.4
				Group therapy/counseling - leader not trained Medications NRT: gum	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	76 N: Not reported 39.4	N: Baseline rate: Follow-up rate:	81 Not reported 16.0	
HILL 1993 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Not sure Outpatient, clinic Not applicable	Patient education	Patient education	N: Baseline rate: Follow-up rate:	22 N: Zero 31.8	N: Baseline rate: Follow-up rate:	22 Zero 36.8	5.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	22 N: Zero 31.8	N: Baseline rate: Follow-up rate:	18 Zero 27.8	-4.0
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	22 N: Zero 31.8	N: Baseline rate: Follow-up rate:	20 Zero 10.0	-21.8
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	22 N: Zero 36.8	N: Baseline rate: Follow-up rate:	18 Zero 27.8	-9.0
				Group therapy/counseling - leader trained Medications NRT: gum	Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	22 N: Zero 36.8	N: Baseline rate: Follow-up rate:	20 Zero 10.0	-26.8
				Group therapy/counseling - leader trained Medications NRT: gum	Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	18 N: Zero 27.8	N: Baseline rate: Follow-up rate:	20 Zero 10.0	-17.8
				Group therapy/counseling - leader trained Medications NRT: gum	Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	18 N: Zero 27.8	N: Baseline rate: Follow-up rate:	20 Zero 10.0	
				Group therapy/counseling - leader trained Medications NRT: gum	Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	18 N: Zero 27.8	N: Baseline rate: Follow-up rate:	20 Zero 10.0	

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Smoking Cessation Evidence Table

Author Year Country Design	Age Vulnerable populations targeted Comorbidities included or excluded	Target(s)	Research setting Geographic setting Health-care Practice setting Reimbursement system			Intervention 1		Intervention 2		ARR
				Intervention 1	Intervention 2	Characteristics	Characteristics			
HILLEMAN 1993 USA RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient education	Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	38 N: Not reported 11.0	Baseline rate: Not reported Follow-up rate:	37 Not reported 16.0	5.0
				Patient education	Patient education Clonidine	N: Baseline rate: Follow-up rate:	38 N: Not reported 11.0	Baseline rate: Not reported Follow-up rate:	38 Not reported 18.0	7.0
				Patient education	Group therapy/counseling - leader not trained Clonidine	N: Baseline rate: Follow-up rate:	38 N: Not reported 11.0	Baseline rate: Not reported Follow-up rate:	37 Not reported 32.0	21.0
				Group therapy/counseling - leader not trained	Patient education Clonidine	N: Baseline rate: Follow-up rate:	37 N: Not reported 16.0	Baseline rate: Not reported Follow-up rate:	38 Not reported 18.0	2.0
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained Clonidine	N: Baseline rate: Follow-up rate:	37 N: Not reported 16.0	Baseline rate: Not reported Follow-up rate:	37 Not reported 32.0	16.0
				Patient education Clonidine	Group therapy/counseling - leader not trained Clonidine	N: Baseline rate: Follow-up rate:	38 N: Not reported 18.0	Baseline rate: Not reported Follow-up rate:	37 Not reported 32.0	14.0
HILLEMAN 1994 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Patient education	Patient education	N: Baseline rate: Follow-up rate:	69 N: Not reported 30.0	Baseline rate: Not reported Follow-up rate:	71 Not reported 30.0	0.0
				Medications NRT: patch	Medications NRT: patch	N: Baseline rate: Follow-up rate:	69 N: Not reported 30.0	Baseline rate: Not reported Follow-up rate:	68 Not reported 32.0	2.0
				Patient education	Patient education	N: Baseline rate: Follow-up rate:	71 N: Not reported 30.0	Baseline rate: Not reported Follow-up rate:	68 Not reported 32.0	2.0
HILLRICE 1994 USA RCT	Under & over 65 No vulnerable populations targeted Included: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Control/ usual care	Patient education	N: Baseline rate: Follow-up rate:	48 N: Zero 33.0	Baseline rate: Zero Follow-up rate:	63 Zero 14.0	-19.0
				Individual counseling	Individual counseling	N: Baseline rate: Follow-up rate:	48 N: Zero 33.0	Baseline rate: Zero Follow-up rate:	82 Zero 15.0	-18.0
				Control/ usual care	Patient education	N: Baseline rate: Follow-up rate:	48 N: Zero 33.0	Baseline rate: Zero Follow-up rate:5.0	62 Zero 5.0	-28.0
				Individual counseling	Patient reminders Individual counseling	N: Baseline rate: Follow-up rate:	48 N: Zero 33.0	Baseline rate: Zero Follow-up rate:5.0	62 Zero 5.0	1.0
				Patient education	Patient education	N: Baseline rate: Follow-up rate:	63 N: Zero 14.0	Baseline rate: Zero Follow-up rate:	82 Zero 15.0	1.0
				Individual counseling	Patient education Patient reminders Individual counseling	N: Baseline rate: Follow-up rate:	63 N: Zero 14.0	Baseline rate: Zero Follow-up rate:5.0	62 Zero 5.0	-9.0
				Patient education	Patient education	N: Baseline rate: Follow-up rate:	82 N: Zero 15.0	Baseline rate: Zero Follow-up rate:5.0	62 Zero 5.0	-10.0

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HJALMARS 1994 Other CCT	Under & over 65 No vulnerable populations targeted Included: persons with concerns about weight gain	Patients	Nonacademic setting Not sure Outpatient, clinic Other system	Control/ usual care Patient education Group therapy/counseling - leader trained Medication other drug	Patient education Group therapy/counseling - leader trained Medications NRT: nasal spray	N: 123 Baseline rate: Follow-up rate:	125 Not reported 15.0 Follow-up rate:	12.0 Not reported 27.0
HJALMARS 1984 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Not sure Not sure Outpatient, clinic Other system	Patient education Patient financial incentive Group therapy/counseling - leader trained	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: 100 Baseline rate: Follow-up rate:	106 Not reported 16.0 Follow-up rate:	13.0 Not reported 29.0
HJALMARS 1997 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education Group therapy/counseling - leader trained Self-help	Patient education Group therapy/counseling - leader trained Medications NRT: nasal spray Self-help	N: 124 Baseline rate: Follow-up rate:	123 Zero 28.0 Follow-up rate:	-10.0 Zero 18.0
HJERMANN 1981 Norway RCT	Adults under 65 only No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Other system	Control/ usual care	Patient education Individual counseling	N: 500 Baseline rate: Follow-up rate:	477 Zero 17.0 Follow-up rate:	8.0 Zero 25.0

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	Vulnerable populations targeted		Geographic setting			Health-care Practice setting	Characteristics	Characteristics		
	Comorbidities included or excluded		Reimbursement system							
HOLLIS 1993 USA CCT	Under & over 65	Patients	Nonacademic setting	Control/ usual care	Patient education	N:	708 N:	675	1.1	
	No vulnerable populations targeted	Physicians	Mainly urban/suburban	Patient education	Provider education	Baseline rate:	Not reported	Baseline rate:	Not reported	
	No special exceptions for comorbidity	Nurses	Outpatient, physician	Provider education	Patient reminders	Follow-up rate:2.3		Follow-up rate:3.4		
		Other provider Organizations	HMO	Provider reminders	Provider reminders					
				Individual counseling	Individual counseling					
			Organizational change	Self-help						
				Organizational change						
				Control/ usual care	Patient education	N:	708 N:	675	2.4	
				Patient education	Provider education	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Provider education	Patient financial incentive	Follow-up rate:2.3		Follow-up rate:4.7		
				Provider reminders	Patient reminders					
				Individual counseling	Provider reminders					
				Organizational change	Group therapy/counseling - leader not trained					
					Individual counseling					
					Self-help					
					Organizational change					
				Control/ usual care	Patient education	N:	708 N:	633	2.0	
				Patient education	Provider education	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Provider education	Patient financial incentive	Follow-up rate:2.3		Follow-up rate:4.3		
				Provider reminders	Patient reminders					
				Individual counseling	Provider reminders					
				Organizational change	Group therapy/counseling - leader trained					
					Individual counseling					
					Self-help					
					Organizational change					
				Patient education	Patient education	N:	675 N:	675	1.3	
				Provider education	Provider education	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Patient reminders	Patient financial incentive	Follow-up rate:3.4		Follow-up rate:4.7		
				Provider reminders	Patient reminders					
				Individual counseling	Provider reminders					
				Self-help	Group therapy/counseling - leader not trained					
				Organizational change	Individual counseling					
					Self-help					
					Organizational change					
				Patient education	Patient education	N:	675 N:	633	0.9	
				Provider education	Provider education	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Patient reminders	Patient financial incentive	Follow-up rate:3.4		Follow-up rate:4.3		
				Provider reminders	Patient reminders					
				Individual counseling	Provider reminders					
				Self-help	Group therapy/counseling - leader trained					
				Organizational change	Individual counseling					
					Self-help					
					Organizational change					

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HOLLIS 1993 USA CCT (continued)	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians Nurses Other provider Organizations	Nonacademic setting Mainly urban/suburban Outpatient, physician HMO	Patient education Provider education Patient financial incentive Patient reminders Provider reminders Group therapy/counseling - leader not trained Individual counseling Self-help Organizational change	Patient education Provider education Patient financial incentive Patient reminders Provider reminders Group therapy/counseling - leader trained Individual counseling Self-help Organizational change	N: 675 Baseline rate: Not reported Follow-up rate:4.7	N: 633 Baseline rate: Not reported Follow-up rate:4.3	-0.4
HUBER 1988 Germany RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Not sure Outpatient, other Other system	Control/ usual care	Medications NRT: gum	N: 35 Baseline rate: Not reported Follow-up rate: Not reported	N: 48 Baseline rate: Not reported Follow-up rate: Not reported	. 12.0
				Control/ usual care	Group therapy/counseling - leader not trained Self-help	N: 35 Baseline rate: Not reported Follow-up rate: Not reported	N: 54 Baseline rate: Not reported Follow-up rate: Not reported	. 16.0
				Control/ usual care	Group therapy/counseling - leader not trained Medications NRT: gum Self-help	N: 35 Baseline rate: Not reported Follow-up rate: Not reported	N: 48 Baseline rate: Not reported Follow-up rate: Not reported	. 13.0
				Medications NRT: gum	Group therapy/counseling - leader not trained Self-help	N: 48 Baseline rate: Not reported Follow-up rate: 12.0	N: 54 Baseline rate: Not reported Follow-up rate: 16.0	4.0
				Medications NRT: gum	Group therapy/counseling - leader not trained Medications NRT: gum Self-help	N: 48 Baseline rate: Not reported Follow-up rate: 12.0	N: 48 Baseline rate: Not reported Follow-up rate: 13.0	1.0
				Group therapy/counseling - leader not trained Self-help	Group therapy/counseling - leader not trained Medications NRT: gum Self-help	N: 54 Baseline rate: Not reported Follow-up rate: 16.0	N: 48 Baseline rate: Not reported Follow-up rate: 13.0	-3.0
HUGHES 1991 USA RCT	Under & over 65 Low-income populations No special exceptions for comorbidity	Patients Physicians	Academic setting Mainly rural Outpatient, physician Mixed	Patient education Provider education Patient financial incentive Individual counseling Medications NRT: gum	Patient education Provider education Patient financial incentive Individual counseling Medications NRT: gum	N: 32 Baseline rate: Not reported Follow-up rate: 19.0	N: 36 Baseline rate: Not reported Follow-up rate:6.0	-13.0
				Patient education Provider education Patient financial incentive Individual counseling Medications NRT: gum	Patient education Provider education Patient financial incentive Individual counseling Medications NRT: gum	N: 32 Baseline rate: Not reported Follow-up rate: 19.0	N: 38 Baseline rate: Not reported Follow-up rate:8.0	-11.0
				Patient education Provider education Patient financial incentive Individual counseling Medications NRT: gum	Patient education Provider education Patient financial incentive Individual counseling Medications NRT: gum	N: 36 Baseline rate: Not reported Follow-up rate:6.0	N: 38 Baseline rate: Not reported Follow-up rate:8.0	2.0

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				Intervention 1	Intervention 2					
HUGHES 1989 USA CCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients Physicians	Nonacademic setting Mainly urban/suburban Outpatient, physician HMO	Patient education Provider education Patient financial incentive Patient reminders Individual counseling	Patient education Provider education Patient financial incentive Patient reminders Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:6.0	105 N: Not reported Follow-up rate:	210 Baseline rate: Follow-up rate:	11.0	5.0
HUGHES 1989 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, other Not applicable	Control/ usual care Patient education Patient financial incentive Individual counseling	Patient education Patient financial incentive Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:	19 N: Zero 26.0	20 Baseline rate: Follow-up rate:	10.0	-16.0
				Control/ usual care Patient education Patient financial incentive Individual counseling	Patient education Patient financial incentive Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:	19 N: Zero 26.0	20 Baseline rate: Follow-up rate:	40.0	14.0
				Control/ usual care Patient education Patient financial incentive Individual counseling	Patient education Patient reminders Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:	19 N: Zero 26.0	19 Baseline rate: Follow-up rate:	26.0	0.0
				Patient education Patient financial incentive Individual counseling Medications NRT: gum	Patient education Patient financial incentive Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:	20 N: Zero 10.0	20 Baseline rate: Follow-up rate:	40.0	30.0
				Patient education Patient financial incentive Individual counseling Medications NRT: gum	Patient education Patient reminders Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:	20 N: Zero 10.0	19 Baseline rate: Follow-up rate:	26.0	16.0
				Patient education Patient financial incentive Individual counseling Medications NRT: gum	Patient education Patient reminders Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:	20 N: Zero 40.0	19 Baseline rate: Follow-up rate:	26.0	-14.0
				Control/ usual care Patient education Patient financial incentive Individual counseling	Patient education Self-help	N: Baseline rate: Follow-up rate:3.5	1201 N: Zero Follow-up rate:5.6	1081 Baseline rate: Follow-up rate:	Zero	2.1
				HURT 1994 USA RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Individual counseling Self-help	Individual counseling Medications NRT: patch Self-help	N: Baseline rate: Follow-up rate:

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						Characteristics	Characteristics	Characteristics	Characteristics				
HURT 1997 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Individual counseling	Individual counseling	N:	153 N:	153	153	7.2			
				Self-help	AntiDepress	Baseline rate:	Zero Baseline rate:	Zero	Zero				
					Self-help	Follow-up rate:	12.4 Follow-up rate:	19.6	19.6				
				Individual counseling	Individual counseling	N:	153 N:	153	153	10.5	Zero	Zero	
				Self-help	AntiDepress	Baseline rate:	Zero Baseline rate:	Zero	Zero				
					Self-help	Follow-up rate:	12.4 Follow-up rate:	22.9	22.9				
				Individual counseling	Individual counseling	N:	153 N:	156	156	10.7	Zero	Zero	
Self-help	AntiDepress	Baseline rate:	Zero Baseline rate:	Zero	Zero								
	Self-help	Follow-up rate:	12.4 Follow-up rate:	23.1	23.1								
Individual counseling	Individual counseling	N:	153 N:	153	153	3.3	Zero	Zero					
AntiDepress	AntiDepress	Baseline rate:	Zero Baseline rate:	Zero	Zero								
Self-help	Self-help	Follow-up rate:	19.6 Follow-up rate:	22.9	22.9								
Individual counseling	Individual counseling	N:	153 N:	156	156	3.5	Zero	Zero					
AntiDepress	AntiDepress	Baseline rate:	Zero Baseline rate:	Zero	Zero								
Self-help	Self-help	Follow-up rate:	19.6 Follow-up rate:	23.1	23.1								
Individual counseling	Individual counseling	N:	153 N:	156	156	0.2	Zero	Zero					
AntiDepress	AntiDepress	Baseline rate:	Zero Baseline rate:	Zero	Zero								
Self-help	Self-help	Follow-up rate:	22.9 Follow-up rate:	23.1	23.1								
HURT 1996 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Mixed	Control/ usual care	AntiDepress	N:	153 N:	153	153	8.0			
						Baseline rate:	Zero Baseline rate:	Zero	Zero				
						Follow-up rate:	12.0 Follow-up rate:	20.0	20.0				
				Control/ usual care	AntiDepress	N:	153 N:	153	153	11.0	Zero	Zero	
						Baseline rate:	Zero Baseline rate:	Zero	Zero				
						Follow-up rate:	12.0 Follow-up rate:	23.0	23.0				
				Control/ usual care	AntiDepress	N:	153 N:	156	156	11.0	Zero	Zero	
		Baseline rate:	Zero Baseline rate:	Zero	Zero								
		Follow-up rate:	12.0 Follow-up rate:	23.0	23.0								
AntiDepress	AntiDepress	N:	153 N:	153	153	3.0	Zero	Zero					
		Baseline rate:	Zero Baseline rate:	Zero	Zero								
		Follow-up rate:	20.0 Follow-up rate:	23.0	23.0								
AntiDepress	AntiDepress	N:	153 N:	156	156	3.0	Zero	Zero					
		Baseline rate:	Zero Baseline rate:	Zero	Zero								
		Follow-up rate:	20.0 Follow-up rate:	23.0	23.0								
AntiDepress	AntiDepress	N:	153 N:	156	156	0.0	Zero	Zero					
		Baseline rate:	Zero Baseline rate:	Zero	Zero								
		Follow-up rate:	23.0 Follow-up rate:	23.0	23.0								
IMPERIAL CANCER RESEARCH FUND GENERAL PRACTICE RESEARCH GROUP 1994 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Other system	Patient education	Patient education	N:	844 N:	842	842	2.7			
					Medications NRT: patch	Baseline rate:	Zero Baseline rate:	Zero	Zero				
					Follow-up rate:6.3	Follow-up rate:9.0							

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	Target(s)					Characteristics	Characteristics	Characteristics	Characteristics		
JACOBS 1971 USA RCT	Under & over 65	Patients No vulnerable populations targeted No special exceptions for comorbidity	Not sure Not sure Outpatient, clinic Not applicable	Control/ usual care	Group therapy/counseling - leader trained	N: 39	Baseline rate: Not reported	N: 39	Baseline rate: Not reported	15	-29.0
	Follow-up rate: 69.0			Follow-up rate: 69.0	Follow-up rate: 40.0						
	Control/ usual care			Group therapy/counseling - leader trained	N: 39	Baseline rate: Not reported	N: 39	Baseline rate: Not reported	13	-15.0	
	Follow-up rate: 69.0			Medication other drug	Follow-up rate: 69.0	Follow-up rate: 54.0					
	Control/ usual care			Group therapy/counseling - leader trained	N: 39	Baseline rate: Not reported	N: 39	Baseline rate: Not reported	19	-22.0	
	Follow-up rate: 69.0			Medication other drug	Follow-up rate: 69.0	Follow-up rate: 47.0					
	Control/ usual care			Group therapy/counseling - leader trained	N: 39	Baseline rate: Not reported	N: 39	Baseline rate: Not reported	18	-13.0	
	Follow-up rate: 69.0			AntiDepress	Follow-up rate: 69.0	Follow-up rate: 56.0					
	Group therapy/counseling - leader trained			Group therapy/counseling - leader trained	N: 15	Baseline rate: Not reported	N: 15	Baseline rate: Not reported	13	14.0	
	Follow-up rate: 40.0			Medication other drug	Follow-up rate: 40.0	Follow-up rate: 54.0					
	Group therapy/counseling - leader trained			Group therapy/counseling - leader trained	N: 15	Baseline rate: Not reported	N: 15	Baseline rate: Not reported	19	7.0	
	Follow-up rate: 40.0			Medication other drug	Follow-up rate: 40.0	Follow-up rate: 47.0					
	Group therapy/counseling - leader trained			Group therapy/counseling - leader trained	N: 15	Baseline rate: Not reported	N: 15	Baseline rate: Not reported	18	16.0	
Follow-up rate: 40.0	AntiDepress	Follow-up rate: 40.0	Follow-up rate: 56.0								
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: 13	Baseline rate: Not reported	N: 13	Baseline rate: Not reported	19	-7.0				
Medication other drug	Medication other drug	Follow-up rate: 54.0	Follow-up rate: 47.0								
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: 13	Baseline rate: Not reported	N: 13	Baseline rate: Not reported	18	2.0				
Medication other drug	AntiDepress	Follow-up rate: 54.0	Follow-up rate: 56.0								
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: 19	Baseline rate: Not reported	N: 19	Baseline rate: Not reported	18	9.0				
Medication other drug	AntiDepress	Follow-up rate: 47.0	Follow-up rate: 56.0								
JAMROZIK 1984 UK RCT	Under & over 65	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Placebo: gum	Medications NRT: gum	N: 97	Baseline rate: Not reported	N: 97	Baseline rate: Not reported	100	1.8
Follow-up rate: 8.2	Follow-up rate: 10.0										

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						Characteristics	Characteristics	Characteristics	Characteristics	
JAMROZIK 1984 Other CCT	Under & over 65 Low-income populations No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Control/ usual care	Patient education Individual counseling	N:	549 N:	512	4.4	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:	10.6 Follow-up rate:	15.0		
				Control/ usual care	Patient education Individual counseling	N:	549 N:	528	6.6	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:	10.6 Follow-up rate:	17.2		
Control/ usual care	Patient education Individual counseling	N:	549 N:	521	2.6					
		Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	10.6 Follow-up rate:	13.2						
Patient education Individual counseling	Patient education Individual counseling	N:	512 N:	528	2.2					
		Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	15.0 Follow-up rate:	17.2						
Patient education Individual counseling	Patient education Individual counseling	N:	512 N:	521	-1.8					
		Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	15.0 Follow-up rate:	13.2						
Patient education Individual counseling	Patient education Individual counseling	N:	528 N:	521	-4.0					
		Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	17.2 Follow-up rate:	13.2						
JANZ 1987 USA CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians Nurses	Academic setting Mainly urban/suburban Outpatient, physician Mixed	Control/ usual care	Provider education Provider reminders Individual counseling	N:	106 N:	69	3.0	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:	11.0 Follow-up rate:	14.0		
Control/ usual care	Provider education Provider reminders Individual counseling Self-help	N:	106 N:	75	12.0					
		Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	11.0 Follow-up rate:	23.0						
Provider education Provider reminders Individual counseling	Provider education Provider reminders Individual counseling Self-help	N:	69 N:	75	9.0					
		Baseline rate:	Zero Baseline rate:	Zero						
		Follow-up rate:	14.0 Follow-up rate:	23.0						
JARVIK 1984 USA RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence	Patients	Not sure Mainly urban/suburban Outpatient, other Mixed	Individual counseling	Patient financial incentive Individual counseling Medications NRT: gum	N:	23 N:	25	10.6	
						Baseline rate:	Not reported Baseline rate:	Not reported		
						Follow-up rate:	17.4 Follow-up rate:	28.0		
JASON 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Not applicable Not applicable	Patient education	Patient education Patient financial incentive Group therapy/counseling - leader not trained	N:	Not reported N:	Not reported	9.0	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:	16.0 Follow-up rate:	25.0		
JASON 1987 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Communities	Nonacademic setting Mainly urban/suburban Not applicable Not applicable	MassMedia Self-help	Group therapy/counseling - leader trained MassMedia Self-help	N:	192 N:	233	4.0	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:2.0	Follow-up rate:6.0			

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Smoking Cessation Evidence Table

Author Year Country Design	Age Vulnerable populations targeted Comorbidities included or excluded	Target(s)	Research setting Geographic setting Health-care Practice setting Reimbursement system	Intervention 1	Intervention 2	Intervention 1 Characteristics	Intervention 2 Characteristics	ARR	
JASON 1997 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, other Mixed	Patient education	Patient education	N: 280	N: 281	2.9	
				Self-help	Patient financial incentive Self-help	Baseline rate: Follow-up rate:	Not reported 10.3	Baseline rate: Follow-up rate:	Not reported 13.2
				Patient education	Patient education	N: 280	N: 283	7.9	
				Self-help	Patient financial incentive Group therapy/counseling - leader not trained Self-help	Baseline rate: Follow-up rate:	Not reported 10.3	Baseline rate: Follow-up rate:	Not reported 18.2
				Patient education	Patient education	N: 281	N: 283	5.0	
				Patient financial incentive Self-help	Patient financial incentive Group therapy/counseling - leader not trained Self-help	Baseline rate: Follow-up rate:	Not reported 13.2	Baseline rate: Follow-up rate:	Not reported 18.2
JASON 1995 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient education	Patient education	N: 283	N: 281	-20.2	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero	Baseline rate:	Zero
				Group therapy/counseling - leader trained Self-help	Self-help	Follow-up rate:	31.2	Follow-up rate:	11.0
				Patient education	Patient education	N: 283	N: 280	-26.1	
				Patient financial incentive	Self-help	Baseline rate:	Zero	Baseline rate:	Zero
				Group therapy/counseling - leader trained Self-help	Group therapy/counseling - leader trained Self-help	Follow-up rate:	31.2	Follow-up rate:	5.1
				Patient education	Patient education	N: 281	N: 280	-5.9	
				Patient financial incentive Self-help	Self-help	Baseline rate: Follow-up rate:	Zero 11.0	Baseline rate: Follow-up rate:	Zero 5.1
JEFFERY 1990 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Patient education	Patient education	N: 118	N: 6	11.0	
				Self-help	Patient financial incentive	Baseline rate: Follow-up rate:	Not reported 9.0	Baseline rate: Follow-up rate:	Not reported 20.0
JENSEN 1991 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Other system	Control/ usual care	Patient education	N: 82	N: 211	8.4	
				Patient education	Medications NRT: gum	Baseline rate:	Zero	Baseline rate:	Zero
				Patient financial incentive		Follow-up rate:	34.2	Follow-up rate:	42.6
				Control/ usual care	Patient education	N: 82	N: 203	4.7	
				Patient education	Medication other drug	Baseline rate:	Zero	Baseline rate:	Zero
				Patient financial incentive		Follow-up rate:	34.2	Follow-up rate:	38.9
				Patient education	Patient education	N: 211	N: 203	-3.7	
				Medications NRT: gum	Medication other drug	Baseline rate: Follow-up rate:	Zero 42.6	Baseline rate: Follow-up rate:	Zero 38.9

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Smoking Cessation Evidence Table

Author Year Country Design	Age	Vulnerable populations targeted Comorbidities included or excluded	Research setting	Geographic setting		Intervention 1		Intervention 2		ARR
	Target(s)		Health-care	Practice setting	Reimbursement system	Characteristics	Characteristics			
JORENBY 1995 USA RCT (continued)	Under & over 65	Patients No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Academic setting	Mixed rural/urban/suburban	Outpatient, clinic	Not applicable	Patient financial incentive	Patient education	N: 80 N: 84	-8.0
	Patient reminders		Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero					
	Individual counseling		Medications NRT: patch	Follow-up rate: 34.0	Follow-up rate: 34.0					
	Medications NRT: patch		Self-help							
	Self-help									
	Patient financial incentive		Patient financial incentive	N: 80 N: 88	N: 80 N: 88					
	Patient reminders		Patient reminders	Baseline rate: Zero	Baseline rate: Zero					
	Individual counseling		Individual counseling	Follow-up rate: 34.0	Follow-up rate: 34.0					
	Medications NRT: patch		Medications NRT: patch							
	Self-help		Self-help							
Patient financial incentive	Patient financial incentive	N: 80 N: 80	N: 80 N: 80							
Patient reminders	Patient reminders	Baseline rate: Zero	Baseline rate: Zero							
Individual counseling	Group therapy/counseling - leader trained	Follow-up rate: 34.0	Follow-up rate: 34.0							
Medications NRT: patch	leader trained									
Self-help	Medications NRT: patch									
	Self-help									
Patient financial incentive	Patient education	N: 87 N: 84	N: 87 N: 84							
Patient reminders	Patient financial incentive	Baseline rate: Zero	Baseline rate: Zero							
Group therapy/counseling - leader trained	Medications NRT: patch	Follow-up rate: 26.0	Follow-up rate: 26.0							
Medications NRT: patch	Self-help									
Self-help										
Patient financial incentive	Patient financial incentive	N: 87 N: 88	N: 87 N: 88							
Patient reminders	Patient reminders	Baseline rate: Zero	Baseline rate: Zero							
Group therapy/counseling - leader trained	Individual counseling	Follow-up rate: 26.0	Follow-up rate: 26.0							
Medications NRT: patch	Medications NRT: patch									
Self-help	Self-help									
Patient financial incentive	Patient financial incentive	N: 87 N: 80	N: 87 N: 80							
Patient reminders	Patient reminders	Baseline rate: Zero	Baseline rate: Zero							
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Follow-up rate: 26.0	Follow-up rate: 26.0							
Medications NRT: patch	Medications NRT: patch									
Self-help	Self-help									
Patient education	Patient financial incentive	N: 84 N: 88	N: 84 N: 88							
Patient financial incentive	Patient reminders	Baseline rate: Zero	Baseline rate: Zero							
Medications NRT: patch	Individual counseling	Follow-up rate: 26.0	Follow-up rate: 26.0							
Self-help	Medications NRT: patch									
	Self-help									
Patient education	Patient financial incentive	N: 84 N: 80	N: 84 N: 80							
Patient financial incentive	Patient reminders	Baseline rate: Zero	Baseline rate: Zero							
Medications NRT: patch	Group therapy/counseling - leader trained	Follow-up rate: 26.0	Follow-up rate: 26.0							
Self-help	Medications NRT: patch									
	Self-help									

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						Characteristics	Characteristics	Characteristics	Characteristics	
JORENBY 1995 USA RCT (continued)	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient financial incentive Patient reminders Individual counseling Medications NRT: patch Self-help	Patient financial incentive Patient reminders Group therapy/counseling - leader trained Medications NRT: patch Self-help	N: 88 Baseline rate: Follow-up rate:	N: 80 Zero 30.0	N: 244 Baseline rate: Follow-up rate:	N: 244 Zero 25.0	-5.0
JORENBY 1999 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Individual counseling	Individual counseling Medications NRT: patch	N: 160 Baseline rate: Follow-up rate:	N: 160 Not reported 15.6	N: 244 Baseline rate: Follow-up rate:	N: 244 Not reported 16.4	0.8
				Individual counseling	Individual counseling AntiDepress	N: 160 Baseline rate: Follow-up rate:	N: 244 Not reported 15.6	N: 244 Baseline rate: Follow-up rate:	N: 244 Not reported 30.3	14.7
				Individual counseling	Individual counseling Medications NRT: patch AntiDepress	N: 160 Baseline rate: Follow-up rate:	N: 245 Not reported 15.6	N: 244 Baseline rate: Follow-up rate:	N: 244 Not reported 35.5	19.9
				Individual counseling Medications NRT: patch	Individual counseling AntiDepress	N: 244 Baseline rate: Follow-up rate:	N: 244 Not reported 16.4	N: 244 Baseline rate: Follow-up rate:	N: 244 Not reported 30.3	13.9
				Individual counseling Medications NRT: patch	Individual counseling Medications NRT: patch AntiDepress	N: 244 Baseline rate: Follow-up rate:	N: 244 Not reported 16.4	N: 245 Baseline rate: Follow-up rate:	N: 245 Not reported 35.5	19.1
				Individual counseling AntiDepress	Individual counseling Medications NRT: patch AntiDepress	N: 244 Baseline rate: Follow-up rate:	N: 244 Not reported 30.3	N: 245 Baseline rate: Follow-up rate:	N: 245 Not reported 35.5	5.2
JOSEPH 1996 USA RCT	Under & over 65 Other vulnerable populations Included: persons with other cessation-affecting conditions Excluded: persons with psychiatric comorbidity	Patients	Both academic and nonacademic Mixed rural/urban/suburban Outpatient, clinic Other system	Patient education Individual counseling	Patient education Patient financial incentive Individual counseling Medications NRT: patch	N: 290 Baseline rate: Follow-up rate:	N: 294 Not reported 11.0	N: 294 Baseline rate: Follow-up rate:	N: 294 Not reported 14.0	3.0
KENFORD 1994 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Not sure Mainly urban/suburban Outpatient, other Mixed	Control/ usual care Patient education Patient reminders Group therapy/counseling - leader trained	Patient education Patient reminders Group therapy/counseling - leader trained Medications NRT: patch	N: 43 Baseline rate: Follow-up rate:	N: 43 Not reported 20.9	N: 44 Baseline rate: Follow-up rate:	N: 44 Not reported 34.1	13.2
KENFORD 1994 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Not sure Mainly urban/suburban Outpatient, other Mixed	Control/ usual care Patient education Patient reminders Individual counseling	Patient education Patient reminders Individual counseling Medications NRT: patch	N: 55 Baseline rate: Follow-up rate:7.3	N: 55 Not reported Follow-up rate:	N: 57 Baseline rate: Follow-up rate:	N: 57 Not reported 17.5	10.2

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KILLEN 1997 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Self-help	Medications NRT: patch Self-help	N: Baseline rate: Follow-up rate:	104 N: Zero Baseline rate: 10.0 Follow-up rate:	103 Zero 15.0	5.0		
				Self-help	Self-help	N: Baseline rate: Follow-up rate:	104 N: Zero Baseline rate: 10.0 Follow-up rate:	108 Zero 10.0	0.0		
				Self-help	Medications NRT: patch Self-help	N: Baseline rate: Follow-up rate:	104 N: Zero Baseline rate: 10.0 Follow-up rate:7.0	109 Zero 10.0	-3.0		
				Medications NRT: patch Self-help	Self-help	N: Baseline rate: Follow-up rate:	103 N: Zero Baseline rate: 15.0 Follow-up rate:	108 Zero 10.0	-5.0		
				Medications NRT: patch Self-help	Medications NRT: patch Self-help	N: Baseline rate: Follow-up rate:	103 N: Zero Baseline rate: 15.0 Follow-up rate:7.0	109 Zero 10.0	-8.0		
				Self-help	Medications NRT: patch Self-help	N: Baseline rate: Follow-up rate:	108 N: Zero Baseline rate: 10.0 Follow-up rate:7.0	109 Zero 10.0	-3.0		
KILLEN 1984 USA CCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	22 N: Zero Baseline rate: 23.0 Follow-up rate:	20 Zero 30.0	7.0		
				Medications NRT: gum Medication other drug	Medication other drug						
				Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	22 N: Zero Baseline rate: 23.0 Follow-up rate:	22 Zero 50.0	27.0		
				Medications NRT: gum Medication other drug	Medications NRT: gum Medication other drug						
KORNITZE 1987 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Patient financial incentive Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	90 N: Zero Baseline rate: 32.2 Follow-up rate:	94 Zero 22.3	-9.9		
				Medications NRT: gum							

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KORNITZE 1995 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Nonacademic setting Not sure Not applicable Not applicable	Patient education	Patient education	N: 75 N:	149	4.8	
				Patient financial incentive	Patient financial incentive	Baseline rate: Follow-up rate:	Zero 13.3		Zero 18.1
				Patient education	Patient education	N: 75 N:	150		-0.6
KOTTKE 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Both academic and nonacademic Mainly urban/suburban Outpatient, physician Mixed	Control/ usual care	Provider education	N: 400 N:	660	0.5	
				Control/ usual care	Provider education Self-help	Baseline rate: Follow-up rate:5.0	Not reported Follow-up rate:5.5		Not reported
				Provider education	Provider education Self-help	N: 400 N:	593		0.4
LANDO 1991 USA CBA	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Other provider	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Provider education	Provider education	N: Not reported N:	Not reported	-0.5	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate: Follow-up rate:	Not reported 23.2		Not reported 22.7
				Patient education	Patient education	N: 331 N:	363		6.9
LANDO 1990 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient education	Patient education	N: 331 N:	347	10.1	
				Patient education	Patient education	Baseline rate: Follow-up rate:	Zero 12.1		Zero 19.0
				Patient education	Patient education	N: 363 N:	347		3.2
LANDO 1988 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients Physicians	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Mixed	Patient education	Provider education	N: 148 N:	155	-3.0	
				Provider education	Medications NRT: gum	Baseline rate: Follow-up rate:	Zero 22.0		Zero 19.0
				Medications NRT: gum	Self-help	Follow-up rate:	19.0		22.2

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						Characteristics	Characteristics	Characteristics	Characteristics	
LANDO 1991 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly rural Not applicable Not applicable	Control/ usual care	Self-help	N: 170 Baseline rate: Follow-up rate:	N: 200 Zero 10.0	N: 170 Zero 10.0	N: 200 Zero 10.0	-1.5
				Control/ usual care	Self-help	N: 170 Baseline rate: Follow-up rate:	N: 200 Zero 10.0	N: 170 Zero 10.0	N: 200 Zero 10.0	0.0
				Self-help	Self-help	N: 200 Baseline rate: Follow-up rate:8.5	N: 200 Zero 10.0	N: 200 Zero 10.0	N: 200 Zero 10.0	1.5
LANDO 1997 USA RCT	Adults under 65 only No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic HMO	Patient education Medications NRT: patch	Patient education Medications NRT: patch	N: 174 Baseline rate: Follow-up rate:	N: 174 Zero 14.0	N: 174 Zero 14.0	N: 162 Zero 13.0	-1.0
				Patient education Medications NRT: patch	Patient education Individual counseling Medications NRT: patch	N: 174 Baseline rate: Follow-up rate:	N: 174 Zero 14.0	N: 174 Zero 14.0	N: 162 Zero 13.0	-1.0
				Patient education Medications NRT: patch	Patient education Individual counseling Medications NRT: patch	N: 173 Baseline rate: Follow-up rate:	N: 173 Zero 13.0	N: 173 Zero 13.0	N: 162 Zero 13.0	0.0
LANDO 1981 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	N: 24 Baseline rate: Follow-up rate:	N: 24 Not reported 46.0	N: 24 Not reported 46.0	N: 20 Not reported 17.0	-29.0
				Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	N: 24 Baseline rate: Follow-up rate:	N: 24 Not reported 46.0	N: 24 Not reported 46.0	N: 23 Not reported 19.0	-27.0
				Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader not trained Self-help	N: 24 Baseline rate: Follow-up rate:	N: 24 Not reported 46.0	N: 24 Not reported 46.0	N: 33 Not reported 19.0	-27.0
				Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	N: 20 Baseline rate: Follow-up rate:	N: 20 Not reported 17.0	N: 20 Not reported 17.0	N: 23 Not reported 19.0	2.0
				Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader not trained Self-help	N: 20 Baseline rate: Follow-up rate:	N: 20 Not reported 17.0	N: 20 Not reported 17.0	N: 33 Not reported 19.0	2.0
				Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader not trained Self-help	N: 23 Baseline rate: Follow-up rate:	N: 23 Not reported 19.0	N: 23 Not reported 19.0	N: 33 Not reported 19.0	0.0
				Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader not trained Self-help	N: 23 Baseline rate: Follow-up rate:	N: 23 Not reported 19.0	N: 23 Not reported 19.0	N: 33 Not reported 19.0	0.0
				Patient financial incentive Group therapy/counseling - leader not trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader not trained Self-help	N: 23 Baseline rate: Follow-up rate:	N: 23 Not reported 19.0	N: 23 Not reported 19.0	N: 33 Not reported 19.0	0.0

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				Intervention 1	Intervention 2					
LEDWITH 1984 UK RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Other system	Control/ usual care	Patient education Self-help	N: Baseline rate: Follow-up rate:1.7	459 N: Zero Follow-up rate:1.9	481 Zero	0.2	
				Control/ usual care	Patient education Patient reminders Individual counseling Self-help	N: Baseline rate: Follow-up rate:1.7	459 N: Zero Follow-up rate:3.9	899 Zero	2.2	
				Patient education Self-help	Patient education Patient reminders Individual counseling Self-help	N: Baseline rate: Follow-up rate:1.9	481 N: Zero Follow-up rate:3.9	899 Zero	2.0	
LEISCHOW 1996 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient education Patient financial incentive Individual counseling	Patient education Patient financial incentive Individual counseling Medication other drug	N: Baseline rate: Follow-up rate:5.0	110 N: Zero Follow-up rate:	110 Zero 11.0	6.0	
LEUNG 1991 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Not applicable Not applicable	Control/ usual care	Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:3.7	27 N: Zero Follow-up rate:	27 Zero 33.3	29.6	
LEWIS 1998 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Hospital Mixed	Individual counseling Self-help	Individual counseling Medications NRT: patch	N: Baseline rate: Follow-up rate:4.9	61 N: Not reported Follow-up rate:9.7	62 Not reported	4.8	
				Individual counseling Self-help	Individual counseling	N: Baseline rate: Follow-up rate:4.9	61 N: Not reported Follow-up rate:6.5	62 Not reported	1.6	
				Individual counseling Medications NRT: patch	Individual counseling	N: Baseline rate: Follow-up rate:9.7	62 N: Not reported Follow-up rate:6.5	62 Not reported	-3.2	
LI 1984 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Nonacademic setting Mainly urban/suburban Outpatient, other Mixed	Patient education Provider education	Provider education Individual counseling	N: Baseline rate: Follow-up rate:3.6	361 N: Not reported Follow-up rate:8.4	215 Not reported	4.8	

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LINDSAY 1989 Canada RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mixed rural/urban/suburban Outpatient, physician Other system	Control/ usual care	Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:4.4	601 N: Zero Baseline rate: Follow-up rate:6.1	726 Zero	1.7
				Control/ usual care	Provider education Patient financial incentive Prov.Fin Provider reminders Individual counseling Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:4.4	601 N: Zero Baseline rate: Follow-up rate:8.8	606 Zero	4.4
				Individual counseling Medications NRT: gum	Provider education Patient financial incentive Prov.Fin Provider reminders Individual counseling Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:6.1	726 N: Zero Baseline rate: Follow-up rate:8.8	606 Zero	2.7
LOWE 1980 USA CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader not trained Self-help	Group therapy/counseling - leader not trained Self-help	N: Baseline rate: Follow-up rate:	15 N: Not reported Baseline rate: 33.0 Follow-up rate:	15 Not reported 13.0	-20.0
LOWE 1980 USA CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader not trained Self-help	Group therapy/counseling - leader not trained Self-help	N: Baseline rate: Follow-up rate:	14 N: Not reported Baseline rate: 29.0 Follow-up rate:	15 Not reported 27.0	-2.0
				Group therapy/counseling - leader not trained Self-help	Group therapy/counseling - leader not trained Self-help	N: Baseline rate: Follow-up rate:	14 N: Not reported Baseline rate: 29.0 Follow-up rate:8.0	13 Not reported	-21.0
				Group therapy/counseling - leader not trained Self-help	Group therapy/counseling - leader not trained Self-help	N: Baseline rate: Follow-up rate:	15 N: Not reported Baseline rate: 27.0 Follow-up rate:8.0	13 Not reported	-19.0
MALCOLM 1980 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Other system	Control/ usual care	Patient financial incentive Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	74 N: Zero Baseline rate: 14.0 Follow-up rate:	73 Zero 23.0	9.0
				Control/ usual care	Patient financial incentive Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	74 N: Zero Baseline rate: 14.0 Follow-up rate:5.0	63 Zero	-9.0
				Patient financial incentive Group therapy/counseling - leader not trained Medications NRT: gum	Patient financial incentive Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	73 N: Zero Baseline rate: 23.0 Follow-up rate:5.0	63 Zero	-18.0
MARSHALL 1985 Other CCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Mainly rural Outpatient, physician Other system	Medications NRT: gum	Individual counseling Medications NRT: gum	N: Baseline rate: Follow-up rate:	100 N: Zero Baseline rate: 14.0 Follow-up rate:	100 Zero 17.0	3.0

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						Characteristics	Characteristics	Characteristics	Characteristics							
MARTIN 1997 USA RCT	Under & over 65 Other vulnerable populations Included: persons with high nicotine dependence	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient financial incentive Group therapy/counseling - leader trained Group therapy/counseling - leader not trained	Patient financial incentive Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	70 N: Not reported 26.0	N: Baseline rate: Follow-up rate:	72 Not reported 27.0	1.0						
											Patient financial incentive Group therapy/counseling - leader trained Group therapy/counseling - leader not trained	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	70 N: Not reported 26.0	N: Baseline rate: Follow-up rate:	63 Not reported 27.0
MCDOWELL 1985 Canada RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Nonacademic setting Not sure Outpatient, physician Other system	Control/ usual care Control/ usual care Control/ usual care Patient reminders Individual counseling Provider education Patient reminders Individual counseling Provider education Group therapy/counseling - leader trained	Patient reminders Individual counseling Provider education Group therapy/counseling - leader trained Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	78 N: Zero 14.1	N: Baseline rate: Follow-up rate:	87 Zero 14.9	0.8						
											Control/ usual care Control/ usual care	Group therapy/counseling - leader trained Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	78 N: Zero 14.1	N: Baseline rate: Follow-up rate:	84 Zero 16.7
											Patient reminders Individual counseling Provider education	Group therapy/counseling - leader trained Group therapy/counseling - leader trained	N: Baseline rate: Follow-up rate:	87 N: Zero 17.2	N: Baseline rate: Follow-up rate:	87 Zero 17.2
											MassMedia Self-help	Patient education MassMedia Self-help	N: Baseline rate: Follow-up rate:	438 N: Zero 24.0	N: Baseline rate: Follow-up rate:	873 Zero 20.6
MCGOVERN 1992 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Not sure Outpatient, clinic Not applicable	Patient education Patient financial incentive Group therapy/counseling - leader trained	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	127 N: Not reported 31.5	N: Baseline rate: Follow-up rate:	146 Not reported 34.9	3.4						
											Provider education Group therapy/counseling - leader trained	Patient education	N: Baseline rate: Follow-up rate:	72 N: Not reported 23.5	N: Baseline rate: Follow-up rate:	49 Not reported 13.1

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						Characteristics	Characteristics	Characteristics	Characteristics	
MORGAN 1996 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians Other provider Organizations	Both academic and nonacademic Mainly urban/suburban Outpatient, physician Mixed	Provider education	Patient education Provider education Detailing Patient reminders Individual counseling Medications NRT: gum Organizational change	N: Baseline rate: Follow-up rate:8.2	380 N: Not reported Follow-up rate:	279 Not reported Follow-up rate:	7.2 15.4	
MOTHERSI 1988 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Not sure Outpatient, physician Other system	Control/ usual care Self-help	Individual counseling	N: Baseline rate: Follow-up rate:	78 N: Zero 14.1 Follow-up rate:	85 Zero 14.1	0.0	
				Control/ usual care Self-help	Patient education Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	78 N: Zero 14.1 Follow-up rate:	84 Zero 16.7	2.6	
				Control/ usual care Self-help	Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	78 N: Zero 14.1 Follow-up rate:	86 Zero 17.4	3.3	
				Individual counseling	Patient education Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	85 N: Zero 14.1 Follow-up rate:	84 Zero 16.7	2.6	
				Individual counseling	Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	85 N: Zero 14.1 Follow-up rate:	86 Zero 17.4	3.3	
				Patient education Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N: Baseline rate: Follow-up rate:	84 N: Zero 16.7 Follow-up rate:	86 Zero 17.4	0.7	
MRFIT 1982 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Mixed	Control/ usual care	Group therapy/counseling - leader not trained Individual counseling	N: Baseline rate: Follow-up rate:	4091 N: Zero 12.0 Follow-up rate:	4103 Zero 31.0	19.0	
NAKAMURA 1990 Other CCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient financial incentive Group therapy/counseling - leader trained Self-help	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	30 N: Not reported 16.7 Follow-up rate:	30 Not reported 43.3	26.6	
NEBOT 1992 Other CCT	Under & over 65 Low-income populations No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, physician Other system	Patient education Individual counseling	Patient education Patient financial incentive Individual counseling	N: Baseline rate: Follow-up rate:4.4	175 N: Zero Follow-up rate:5.3	93 Zero	0.9	
				Patient education Individual counseling	Patient education Individual counseling	N: Baseline rate: Follow-up rate:4.4	175 N: Zero Follow-up rate:6.0	81 Zero	1.6	
				Patient education Patient financial incentive Individual counseling	Patient education Individual counseling	N: Baseline rate: Follow-up rate:5.3	93 N: Zero Follow-up rate:6.0	81 Zero	0.7	

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NEVID 1997 USA RCT	Under & over 65 Hispanic persons, Low-income populations No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Mixed	Patient education Individual counseling Self-help	Group therapy/counseling - leader trained Individual counseling Medication other drug Self-help	N: 54 Baseline rate: Not reported Follow-up rate:7.0	N: 39 Baseline rate: Not reported Follow-up rate:8.0	1.0
NIAURA 1994 USA RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Not sure Mainly urban/suburban Outpatient, clinic Not applicable	Patient education Individual counseling Self-help	Patient education Patient financial incentive Individual counseling Medications NRT: gum Self-help	N: 40 Baseline rate: Not reported Follow-up rate:7.5	N: 37 Baseline rate: Not reported Follow-up rate:2.7	-4.8
				Patient education Individual counseling Self-help	Patient education Individual counseling Self-help	N: 40 Baseline rate: Not reported Follow-up rate:7.5	N: 49 Baseline rate: Not reported Follow-up rate:2.0	-5.5
				Patient education Individual counseling Self-help	Patient education Patient financial incentive Individual counseling Medications NRT: gum Self-help	N: 40 Baseline rate: Not reported Follow-up rate:7.5	N: 47 Baseline rate: Not reported Follow-up rate:8.5	1.0
				Patient education Patient financial incentive Individual counseling Medications NRT: gum Self-help	Patient education Individual counseling Self-help	N: 37 Baseline rate: Not reported Follow-up rate:2.7	N: 49 Baseline rate: Not reported Follow-up rate:2.0	-0.7
				Patient education Patient financial incentive Individual counseling Medications NRT: gum Self-help	Patient education Patient financial incentive Individual counseling Medications NRT: gum Self-help	N: 37 Baseline rate: Not reported Follow-up rate:2.7	N: 47 Baseline rate: Not reported Follow-up rate:8.5	5.8
				Patient education Individual counseling Self-help	Patient education Patient financial incentive Individual counseling Medications NRT: gum Self-help	N: 49 Baseline rate: Not reported Follow-up rate:2.0	N: 47 Baseline rate: Not reported Follow-up rate:8.5	6.5

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						Characteristics	Characteristics	Characteristics	Characteristics	
NYBORG 1986 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Mixed	Self-help	Individual counseling	N: Baseline rate: Follow-up rate:	8 N: Not reported Zero	8 Not reported Zero	8 Not reported 25.0	25.0
				Self-help	Individual counseling Self-help	N: Baseline rate: Follow-up rate:	8 N: Not reported Zero	8 Not reported Zero	8 Not reported Zero	0.0
				Self-help	Individual counseling	N: Baseline rate: Follow-up rate:	8 N: Not reported Zero	8 Not reported 12.5	8 Not reported 12.5	12.5
				Self-help	Individual counseling Self-help	N: Baseline rate: Follow-up rate:	8 N: Not reported Zero	8 Not reported Zero	8 Not reported Zero	0.0
				Individual counseling	Individual counseling Self-help	N: Baseline rate: Follow-up rate:	8 N: Not reported 25.0	8 Not reported Zero	8 Not reported Zero	-25.0
				Individual counseling	Individual counseling	N: Baseline rate: Follow-up rate:	8 N: Not reported 25.0	8 Not reported 12.5	8 Not reported 12.5	-12.5
				Individual counseling	Individual counseling Self-help	N: Baseline rate: Follow-up rate:	8 N: Not reported 25.0	8 Not reported Zero	8 Not reported Zero	-25.0
				Individual counseling Self-help	Individual counseling	N: Baseline rate: Follow-up rate:	8 N: Not reported Zero	8 Not reported 12.5	8 Not reported 12.5	12.5
				Individual counseling Self-help	Individual counseling Self-help	N: Baseline rate: Follow-up rate:	8 N: Not reported Zero	8 Not reported Zero	8 Not reported Zero	0.0
				Individual counseling	Individual counseling Self-help	N: Baseline rate: Follow-up rate:	8 N: Not reported 12.5	8 Not reported Zero	8 Not reported Zero	-12.5

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						Characteristics	Characteristics	Characteristics	Characteristics	
OCKENE 1991 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mainly urban/suburban Outpatient, physician Mixed	Patient education	Patient education	N:	464 N:	420	2.8	
				Provider education	Provider education	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Individual counseling	Patient reminders	Follow-up rate:9.1	Follow-up rate:	11.9		
OCKENE 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mixed rural/urban/suburban Outpatient, physician Mixed	Patient education	Patient education	N:	464 N:	402	8.3	
				Provider education	Provider education	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Individual counseling	Patient financial incentive Patient reminders Individual counseling Medications NRT: gum Self-help	Follow-up rate:9.1	Follow-up rate:	17.4		
OCKENE 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mixed rural/urban/suburban Outpatient, physician Mixed	Patient education	Patient education	N:	420 N:	402	5.5	
				Provider education	Provider education	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Patient reminders	Patient financial incentive Patient reminders Individual counseling Medications NRT: gum Self-help	Follow-up rate:	11.9	Follow-up rate:	17.4	
OCKENE 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mixed rural/urban/suburban Outpatient, physician Mixed	Provider education	Provider education	N:	Not reported	N:	Not reported	1.8
				Patient reminders	Patient reminders	Baseline rate:	Zero	Baseline rate:	Zero	
				Individual counseling	Individual counseling Self-help	Follow-up rate:6.0	Follow-up rate:	7.8		
OCKENE 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mixed rural/urban/suburban Outpatient, physician Mixed	Provider education	Provider education	N:	Not reported	N:	Not reported	4.0
				Patient reminders	Patient financial incentive Patient reminders Individual counseling Medications NRT: gum Self-help	Baseline rate:	Zero	Baseline rate:	Zero	
				Individual counseling	Individual counseling Self-help	Follow-up rate:6.0	Follow-up rate:	10.0		
OCKENE 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mixed rural/urban/suburban Outpatient, physician Mixed	Provider education	Provider education	N:	Not reported	N:	Not reported	2.2
				Patient reminders	Patient financial incentive Patient reminders Individual counseling Medications NRT: gum Self-help	Baseline rate:	Zero	Baseline rate:	Zero	
				Individual counseling	Individual counseling Self-help	Follow-up rate:7.8	Follow-up rate:	10.0		
OMENN 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, other Mixed	Self-help	Patient education	N:	136 N:	127	0.6	
					Medication other drug Self-help	Baseline rate:	Not reported	Baseline rate:	Not reported	
					Self-help	Follow-up rate:	19.1	Follow-up rate:	19.7	
OMENN 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, other Mixed	Self-help	Group therapy/counseling - leader trained Self-help	N:	136 N:	139	2.5	
					Self-help	Baseline rate:	Not reported	Baseline rate:	Not reported	
					Self-help	Follow-up rate:	19.1	Follow-up rate:	21.6	
OMENN 1988 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, other Mixed	Patient education	Group therapy/counseling - leader trained Self-help	N:	127 N:	139	1.9	
				Medication other drug	Self-help	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Self-help	Self-help	Follow-up rate:	19.7	Follow-up rate:	21.6	

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ORLEANS 1991 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Not applicable HMO	Patient education	Patient reminders Self-help	N: 508 Baseline rate: Not reported Follow-up rate: 11.2	N: 502 Baseline rate: Not reported Follow-up rate: 9.1	-2.1
				Patient education	Patient reminders Self-help	N: 508 Baseline rate: Not reported Follow-up rate: 11.2	N: 501 Baseline rate: Not reported Follow-up rate: 10.7	-0.5
				Patient education	Patient reminders Individual counseling Self-help	N: 508 Baseline rate: Not reported Follow-up rate: 11.2	N: 510 Baseline rate: Not reported Follow-up rate: 18.1	6.9
				Patient reminders Self-help	Patient reminders Self-help	N: 502 Baseline rate: Not reported Follow-up rate: 9.1	N: 501 Baseline rate: Not reported Follow-up rate: 10.7	1.6
				Patient reminders Self-help	Patient reminders Individual counseling Self-help	N: 502 Baseline rate: Not reported Follow-up rate: 9.1	N: 510 Baseline rate: Not reported Follow-up rate: 18.1	9.0
				Patient reminders Self-help	Patient reminders Individual counseling Self-help	N: 501 Baseline rate: Not reported Follow-up rate: 10.7	N: 510 Baseline rate: Not reported Follow-up rate: 18.1	7.4
ORLEANS USA RCT	65 years + only Low-income populations No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Not applicable Mixed	Medications NRT: patch	Patient education Medications NRT: patch Self-help	N: Not reported Baseline rate: Not reported Follow-up rate: 33.0	N: Not reported Baseline rate: Not reported Follow-up rate: 40.0	7.0
OSSIP 1997 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Organizations	Academic setting Mainly urban/suburban Not applicable Not applicable	Patient education Patient reminders Individual counseling Organizational change	Patient education Individual counseling Organizational change	N: 85 Baseline rate: Not reported Follow-up rate: 20.0	N: 92 Baseline rate: Not reported Follow-up rate: 19.6	-0.4
OSSIP-KL 1991 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mixed rural/urban/suburban Not applicable Not applicable	Self-help	Patient education Individual counseling Self-help	N: 919 Baseline rate: Not reported Follow-up rate: 4.0	N: 894 Baseline rate: Not reported Follow-up rate: 6.6	2.6
OWEN 1989 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Patient education	Patient education Self-help	N: 40 Baseline rate: Zero Follow-up rate: 7.5	N: 86 Baseline rate: Zero Follow-up rate: 18.0	10.5
				Patient education	Patient education Self-help	N: 40 Baseline rate: Zero Follow-up rate: 7.5	N: 82 Baseline rate: Zero Follow-up rate: 10.0	2.5
				Patient education Self-help	Patient education Self-help	N: 86 Baseline rate: Zero Follow-up rate: 18.0	N: 82 Baseline rate: Zero Follow-up rate: 10.0	-8.0

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PAGE 1986 Other CCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Not sure Outpatient, physician Other system	Control/ usual care	Individual counseling	N: 62 Baseline rate: Follow-up rate:8.1	N: 90 Zero Baseline rate: Follow-up rate:8.9	0.8
				Control/ usual care	Individual counseling Medications NRT: gum	N: 62 Baseline rate: Follow-up rate:8.1	N: 75 Zero Baseline rate: Follow-up rate: 12.0	3.9
				Individual counseling	Individual counseling Medications NRT: gum	N: 90 Baseline rate: Follow-up rate:8.9	N: 75 Zero Baseline rate: Follow-up rate: 12.0	3.1
PALLONEN 1994 Other CBA	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Not applicable Not applicable	Control/ usual care	Self-help	N: 116 Baseline rate: Follow-up rate:6.0	N: 149 Zero Baseline rate: Follow-up rate: 10.0	4.0
PAOLETTI 1996 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education	Patient education Patient financial incentive Medications NRT: patch	N: 17 Baseline rate: Follow-up rate:9.0	N: 29 Zero Baseline rate: Follow-up rate: 28.0	19.0
				Patient education	Patient education Patient financial incentive Medications NRT: patch	N: 17 Baseline rate: Follow-up rate:9.0	N: 32 Zero Baseline rate: Follow-up rate: 11.0	2.0
				Patient education	Patient education Patient financial incentive Medications NRT: patch	N: 17 Baseline rate: Follow-up rate:9.0	N: 19 Zero Baseline rate: Follow-up rate: Zero	0.0
				Patient education Patient financial incentive Medications NRT: patch	Patient education Patient financial incentive Medications NRT: patch	N: 29 Baseline rate: Follow-up rate: 28.0	N: 32 Zero Baseline rate: Follow-up rate: 11.0	-17.0
				Patient education Patient financial incentive Medications NRT: patch	Patient education Patient financial incentive Medications NRT: patch	N: 29 Baseline rate: Follow-up rate: 28.0	N: 19 Zero Baseline rate: Follow-up rate: Zero	-19.0
				Patient education Patient financial incentive Medications NRT: patch	Patient education Patient financial incentive Medications NRT: patch	N: 32 Baseline rate: Follow-up rate: 11.0	N: 19 Zero Baseline rate: Follow-up rate: Zero	-2.0
				Patient education Patient financial incentive Medications NRT: patch	Patient education Patient financial incentive Medications NRT: patch	N: 32 Baseline rate: Follow-up rate: 11.0	N: 19 Zero Baseline rate: Follow-up rate: Zero	-2.0
PATTEN 1998 USA CCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N: 16 Baseline rate: Follow-up rate:6.3	N: 13 Zero Baseline rate: Follow-up rate: 23.1	16.8
				Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained	N: 16 Baseline rate: Follow-up rate:6.3	N: 13 Zero Baseline rate: Follow-up rate: 23.1	16.8
PEDERSON 1983 Other CCT	Under & over 65 No vulnerable populations targeted Included: persons with other cessation-affecting conditions	Patients	Nonacademic setting Mainly urban/suburban Outpatient, not phys. Other system	Control/ usual care	Patient education	N: 39 Baseline rate: Follow-up rate:	N: 30 Zero Baseline rate: Follow-up rate: 16.7	-8.9
				Patient education	Self-help	N: 39 Baseline rate: Follow-up rate:	N: 30 Zero Baseline rate: Follow-up rate: 16.7	-8.9

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				Intervention 1	Intervention 2					
PEDERSON 1981 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Not sure Outpatient, clinic Not applicable	Control/ usual care	Patient education Self-help	N: Baseline rate: Follow-up rate:	9 N: Zero Zero	15 Zero 27.8	27.8	
				Control/ usual care	Patient education Self-help	N: Baseline rate: Follow-up rate:	9 N: Zero Zero	13 Zero 23.0		
				Patient education Self-help	Patient education Self-help	N: Baseline rate: Follow-up rate:	15 N: Zero Zero	13 Zero 23.0		-4.8
PIERCE 1998 USA ITS	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Organizations Communities	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Control/ usual care	Patient education Patient financial incentive MassMedia Org.Reg	N: Baseline rate: Follow-up rate:	46422 N: 73.8 77.2	12827 76.7 82.0	1.9	
PIRIE 1992 USA RCT	Adults under 65 only No vulnerable populations targeted Included: persons with concerns about weight gain Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	103 N: Not reported 14.6	108 Not reported 31.5	16.9	
				Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	103 N: Not reported 14.6	108 Not reported 23.1		8.5
				Patient financial incentive Group therapy/counseling - leader trained	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	103 N: Not reported 14.6	98 Not reported 14.3		-0.3
				Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	Patient financial incentive Group therapy/counseling - leader trained Self-help	N: Baseline rate: Follow-up rate:	108 N: Not reported 31.5	108 Not reported 23.1		-8.4
				Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	108 N: Not reported 31.5	98 Not reported 14.3		-17.2
				Patient financial incentive Group therapy/counseling - leader trained Self-help	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	108 N: Not reported 23.1	98 Not reported 14.3		-8.8
PORTER 1972 Other RCT	Under & over 65 Low-income populations No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Control/ usual care	Patient education Individual counseling	N: Baseline rate: Follow-up rate:4.4	90 N: Zero Follow-up rate:5.0	101 Zero	0.6	

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						Characteristics	Characteristics	Characteristics	Characteristics	
POWELL 1981 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Mainly urban/suburban Outpatient, clinic Not applicable	Patient education	Patient education	N:	17 N:	17	0.0	
				Medication other drug	Group therapy/counseling - leader not trained	Baseline rate:	Not reported	Baseline rate:	Not reported	
				Self-help	Medication other drug Self-help	Follow-up rate:	65.0	Follow-up rate:	65.0	
				Patient education	Patient education	N:	17 N:	17	-6.0	
				Medication other drug	Individual counseling	Baseline rate:	Not reported	Baseline rate:		Not reported
				Self-help	Medication other drug Self-help	Follow-up rate:	65.0	Follow-up rate:		59.0
				Patient education	Patient education	N:	17 N:	17	-6.0	
				Group therapy/counseling - leader not trained	Individual counseling	Baseline rate:	Not reported	Baseline rate:		Not reported
				Medication other drug Self-help	Medication other drug Self-help	Follow-up rate:	65.0	Follow-up rate:		59.0
PROCHASK 1993 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Mainly urban/suburban Not applicable Not applicable	Self-help	Self-help	N:	Not reported N:	Not reported	2.2	
						Baseline rate:	Zero	Baseline rate:		Zero
						Follow-up rate:	5.0	Follow-up rate:	7.2	9.0
				Self-help	Self-help	N:	Not reported N:	Not reported	Zero	
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:	5.0	Follow-up rate:	14.0	
				Self-help	Individual counseling Self-help	N:	Not reported N:	Not reported	6.0	
						Baseline rate:	Zero	Baseline rate:		Zero
						Follow-up rate:	5.0	Follow-up rate:	11.0	6.8
				Self-help	Self-help	N:	Not reported N:	Not reported	Zero	
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:	7.2	Follow-up rate:	14.0	
				Self-help	Individual counseling Self-help	N:	Not reported N:	Not reported	3.8	
						Baseline rate:	Zero	Baseline rate:		Zero
						Follow-up rate:	7.2	Follow-up rate:	11.0	-3.0
				Self-help	Individual counseling Self-help	N:	Not reported N:	Not reported	Zero	
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:	7.2	Follow-up rate:	11.0	
PRUE 1983 USA RCT	Under & over 65 Other vulnerable populations Included: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Not applicable Other system	Control/ usual care	Self-help	N:	10 N:	30	17.0	
					Individual counseling	Baseline rate:	Zero	Baseline rate:		Zero
						Follow-up rate:	10.0	Follow-up rate:	27.0	
PUSKA 1979 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Not sure Outpatient, clinic Other system	Control/ usual care	Medications NRT: gum	N:	76 N:	84	7.0	
				Patient education		Baseline rate:	Not reported	Baseline rate:		Not reported
						Follow-up rate:	28.0	Follow-up rate:	35.0	
PUSKA 1995 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Other system	Patient education	Patient education	N:	150 N:	150	6.7	
				Medications NRT: gum	Medications NRT: gum	Baseline rate:	Not reported	Baseline rate:		Not reported
						Follow-up rate:	17.3	Follow-up rate:	24.0	

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						Characteristics	Characteristics	Characteristics	Characteristics		
RABKIN 1984 Canada RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Control/ usual care	Patient education	N:	33 N:	31	32.0		
					Individual counseling	Baseline rate:	Not reported	Baseline rate:	Not reported		
						Follow-up rate:	Zero	Follow-up rate:	32.0		
				Control/ usual care	Group therapy/counseling - leader trained	N:	33 N:	38	37.0		
						Baseline rate:	Not reported	Baseline rate:	Not reported		
						Follow-up rate:	Zero	Follow-up rate:	37.0		
Control/ usual care	Hypnosis	N:	33 N:	38	29.0						
		Baseline rate:	Not reported	Baseline rate:	Not reported						
		Follow-up rate:	Zero	Follow-up rate:	29.0						
Patient education	Group therapy/counseling - leader trained	N:	31 N:	38	5.0						
Individual counseling		Baseline rate:	Not reported	Baseline rate:	Not reported						
		Follow-up rate:	32.0	Follow-up rate:	37.0						
Patient education	Hypnosis	N:	31 N:	38	-3.0						
Individual counseling		Baseline rate:	Not reported	Baseline rate:	Not reported						
		Follow-up rate:	32.0	Follow-up rate:	29.0						
Group therapy/counseling - leader trained	Hypnosis	N:	38 N:	38	-8.0						
		Baseline rate:	Not reported	Baseline rate:	Not reported						
		Follow-up rate:	37.0	Follow-up rate:	29.0						
RESNICOW 1997 USA RCT	Under & over 65 African Americans, Low-income populations Included: persons with other cessation-affecting conditions	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient education	Patient education	N:	504 N:	449	1.0		
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero	Baseline rate:	Zero		
					Self-help	Follow-up rate:7.9	Follow-up rate:8.9				
				Patient education	Patient education	N:	504 N:	201	8.5		
Patient financial incentive	Patient financial incentive	Baseline rate:	Zero	Baseline rate:	Zero						
	Patient reminders	Follow-up rate:7.9	Follow-up rate:	16.4							
Patient education	Patient education	N:	449 N:	201	7.5						
Patient financial incentive	Patient financial incentive	Baseline rate:	Zero	Baseline rate:	Zero						
	Patient reminders	Follow-up rate:8.9	Follow-up rate:	16.4							
	Self-help										
RICHMOND 1994 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Other system	Control/ usual care	Patient financial incentive	N:	79 N:	128	19.0		
				Patient financial incentive	Group therapy/counseling - leader not trained	Baseline rate:	Zero	Baseline rate:	Zero		
				Group therapy/counseling - leader not trained	Medications NRT: patch	Follow-up rate:	14.0	Follow-up rate:	33.0		
RICHMOND 1997 Other RCT	Under & over 65 No vulnerable populations targeted Included: persons with concerns about weight gain	Patients	Not sure Mainly urban/suburban Outpatient, clinic Other system	Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	N:	152 N:	153	10.0		
					Medications NRT: patch	Baseline rate:	Not reported	Baseline rate:	Not reported		
						Follow-up rate:9.0	Follow-up rate:	19.0			
RICHMOND 1986 Other CCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Not sure Outpatient, physician Other system	Control/ usual care	Patient education	N:	100 N:	100	21.0		
					Individual counseling	Baseline rate:	Zero	Baseline rate:	Zero		
					Self-help	Follow-up rate:2.0	Follow-up rate:	23.0			

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				Intervention 1	Intervention 2					
RICHMOND 1990 Australia RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Not sure Outpatient, physician Other system	Control/ usual care	Patient education Individual counseling Self-help	N: Baseline rate: Follow-up rate:8.0	100 N: Not reported Follow-up rate:	100 Not reported 36.0	28.0	
RICHMOND . Australia RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Not sure Outpatient, physician Other system	Patient education	Patient education	N: Baseline rate: Follow-up rate:	100 N: Not reported 12.0	150 Not reported 18.0	6.0	
				Individual counseling	Individual counseling	N: Baseline rate: Follow-up rate:	100 N: Not reported 12.0	200 Not reported 19.0	7.0	
				Medications NRT: gum	Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	150 N: Not reported 18.0	200 Not reported 19.0	1.0	
RIGOTTI 1997 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients Physicians	Academic setting Mainly urban/suburban Hospital & outpatient Mixed	Control/ usual care	Provider reminders Individual counseling Self-help	N: Baseline rate: Follow-up rate:8.7	308 N: Not reported Follow-up rate:8.1	307 Not reported	-0.6	
RIMER 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Not sure Not applicable Not applicable	Patient education	Patient education Individual counseling	N: Baseline rate: Follow-up rate:	642 N: Zero 15.0	1225 Zero 20.0	5.0	
RIMER 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Organizations	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Control/ usual care	Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	537 N: Not reported 15.0	511 Not reported 20.0	5.0	
				Control/ usual care	Individual counseling	N: Baseline rate: Follow-up rate:	537 N: Not reported 15.0	505 Not reported 19.0	4.0	
				Medications NRT: gum Organizational change	Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:	511 N: Not reported 20.0	505 Not reported 19.0	-1.0	
RISSER 1990 USA RCT	Under & over 65 Other vulnerable populations Included: persons with proximity to other smokers, persons with psychiatric comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, other Other system	Patient reminders Individual counseling Self-help	Patient education Patient reminders Individual counseling Self-help	N: Baseline rate: Follow-up rate:6.7	45 N: Zero Follow-up rate:	45 Zero 20.0	13.3	
ROSAL 1998 USA RCT	Under & over 65 No vulnerable populations targeted Included: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Hospital & outpatient Mixed	Individual counseling	Individual counseling	N: Baseline rate: Follow-up rate:	78 N: Not reported 40.0	82 Not reported 49.0	9.0	

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	Vulnerable populations targeted	Comorbidities included or excluded	Geographic setting	Health-care Practice setting	Intervention 1	Intervention 2	Intervention 1 Characteristics	Intervention 2 Characteristics	
ROSE 1978 UK RCT	Adults under 65 only No vulnerable populations targeted	Patients	Academic setting Mainly urban/suburban Outpatient, physician Other system	Control/ usual care	Patient education Individual counseling	N: 731 Baseline rate: Follow-up rate:	N: 714 Zero Baseline rate: 10.1 Follow-up rate:	Zero 51.0	40.9
ROSE 1994 USA RCT	Adults under 65 only No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Individual counseling Medications NRT: patch Self-help	Individual counseling Medications NRT: patch Mecamylamine Self-help	N: 24 Baseline rate: Follow-up rate:4.2	24 N: Not reported Baseline rate: Follow-up rate:	24 Not reported 37.5	33.3
ROSE 1996 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, other Other system	Patient education Patient financial incentive Individual counseling Medications NRT: patch	Patient education Patient financial incentive Individual counseling Medications NRT: patch	N: 12 Baseline rate: Follow-up rate:	12 N: Zero Baseline rate: 17.5 Follow-up rate:	12 Zero 17.5	0.0
				Patient education Patient financial incentive Individual counseling Medications NRT: patch	Patient education Patient financial incentive Individual counseling Mecamylamine	N: 12 Baseline rate: Follow-up rate:	12 N: Zero Baseline rate: 17.5 Follow-up rate:	12 Zero 33.0	15.5
				Patient education Patient financial incentive Individual counseling Medications NRT: patch	Patient education Patient financial incentive Individual counseling Mecamylamine	N: 12 Baseline rate: Follow-up rate:	12 N: Zero Baseline rate: 17.5 Follow-up rate:	12 Zero 41.5	24.0
				Patient education Patient financial incentive Individual counseling Medications NRT: patch	Patient education Patient financial incentive Individual counseling Mecamylamine	N: 12 Baseline rate: Follow-up rate:	12 N: Zero Baseline rate: 17.5 Follow-up rate:	12 Zero 33.0	15.5
				Patient education Patient financial incentive Individual counseling Medications NRT: patch	Patient education Patient financial incentive Individual counseling Mecamylamine	N: 12 Baseline rate: Follow-up rate:	12 N: Zero Baseline rate: 17.5 Follow-up rate:	12 Zero 41.5	24.0
				Patient education Patient financial incentive Individual counseling Medications NRT: patch Mecamylamine	Patient education Patient financial incentive Individual counseling Medications NRT: patch Mecamylamine	N: 12 Baseline rate: Follow-up rate:	12 N: Zero Baseline rate: 33.0 Follow-up rate:	12 Zero 41.5	8.5

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	Vulnerable populations targeted		Geographic setting	Intervention 1 Characteristics	Intervention 2 Characteristics					
	Comorbidities included or excluded		Health-care Practice setting Reimbursement system							
ROSE 1996 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting	Patient education	Patient education	N:	20 N:	20	-4.5	
			Not sure	Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
			Outpatient, clinic	Individual counseling	Individual counseling	Follow-up rate:	15.5 Follow-up rate:	20.0		
			Not applicable	Medications NRT: patch	Medications NRT: patch					
				Patient education	Patient education	N:	20 N:	20		0.0
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
				Individual counseling	Individual counseling	Follow-up rate:	15.5 Follow-up rate:	15.5		
				Medications NRT: patch	Medications NRT: patch Mecamylamine					
			Patient education	Patient education	N:	20 N:	20	24.5		
			Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero			
			Individual counseling	Individual counseling	Follow-up rate:	15.5 Follow-up rate:	40.0			
			Medications NRT: patch	Medications NRT: patch Mecamylamine						
			Patient education	Patient education	N:	20 N:	20	-4.5		
			Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero			
			Individual counseling	Individual counseling	Follow-up rate:	20.0 Follow-up rate:	15.5			
			Medications NRT: patch	Medications NRT: patch Mecamylamine						
			Patient education	Patient education	N:	20 N:	20	20.0		
			Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero			
			Individual counseling	Individual counseling	Follow-up rate:	20.0 Follow-up rate:	40.0			
			Medications NRT: patch	Medications NRT: patch Mecamylamine						
			Patient education	Patient education	N:	20 N:	20	24.5		
			Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero			
			Individual counseling	Individual counseling	Follow-up rate:	15.5 Follow-up rate:	40.0			
			Medications NRT: patch	Medications NRT: patch Mecamylamine						
ROSSER 1984 Canada RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Both academic and nonacademic	Control/ usual care	Individual counseling	N:	Not reported N:	Not reported	-4.5	
			Mainly urban/suburban		Self-help	Baseline rate:	Not reported Baseline rate:	Not reported		
			Outpatient, physician			Follow-up rate:	16.5 Follow-up rate:	12.0		
			Other system		Patient education	N:	Not reported N:	Not reported		4.0
						Baseline rate:	Not reported Baseline rate:	Not reported		
							Follow-up rate:	16.5 Follow-up rate:		20.5
			Control/ usual care	Group therapy/counseling - leader trained	N:	Not reported N:	Not reported	2.0		
					Baseline rate:	Not reported Baseline rate:	Not reported			
					Follow-up rate:	16.5 Follow-up rate:	18.5			
			Individual counseling	Patient education	N:	Not reported N:	Not reported	8.5		
			Self-help		Baseline rate:	Not reported Baseline rate:	Not reported			
					Follow-up rate:	12.0 Follow-up rate:	20.5			
			Individual counseling	Group therapy/counseling - leader trained	N:	Not reported N:	Not reported	6.5		
			Self-help		Baseline rate:	Not reported Baseline rate:	Not reported			
					Follow-up rate:	12.0 Follow-up rate:	18.5			
			Patient education	Group therapy/counseling - leader trained	N:	Not reported N:	Not reported	-2.0		
					Baseline rate:	Not reported Baseline rate:	Not reported			
					Follow-up rate:	20.5 Follow-up rate:	18.5			

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RUSSELL 1979 Other CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, physician Other system	Control/ usual care	Patient reminders	N: 340 Baseline rate: Not reported Follow-up rate: 10.3	N: 430 Baseline rate: Not reported Follow-up rate: 14.0	3.7
				Patient reminders	Patient reminders	N: 340 Baseline rate: Not reported Follow-up rate: 10.3	N: 389 Baseline rate: Not reported Follow-up rate: 16.7	6.4
				Control/ usual care	Patient education	N: 340 Baseline rate: Not reported Follow-up rate: 10.3	N: 408 Baseline rate: Not reported Follow-up rate: 19.1	8.8
				Patient reminders	Patient reminders	N: 430 Baseline rate: Not reported Follow-up rate: 14.0	N: 389 Baseline rate: Not reported Follow-up rate: 16.7	2.7
				Patient reminders	Patient education	N: 430 Baseline rate: Not reported Follow-up rate: 14.0	N: 408 Baseline rate: Not reported Follow-up rate: 19.1	5.1
				Patient reminders	Patient education	N: 389 Baseline rate: Not reported Follow-up rate: 16.7	N: 408 Baseline rate: Not reported Follow-up rate: 19.1	2.4
RUSSELL 1983 UK CCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Control/ usual care	Patient education Individual counseling	N: 584 Baseline rate: Zero Follow-up rate:3.9	N: 675 Baseline rate: Zero Follow-up rate:4.1	0.2
				Control/ usual care	Patient education Patient financial incentive Individual counseling Medications NRT: gum	N: 584 Baseline rate: Zero Follow-up rate:3.9	N: 679 Baseline rate: Zero Follow-up rate:8.8	4.9
				Patient education Individual counseling	Patient education Patient financial incentive Individual counseling Medications NRT: gum	N: 675 Baseline rate: Zero Follow-up rate:4.1	N: 679 Baseline rate: Zero Follow-up rate:8.8	4.7
RUSSELL 1987 Other CBA	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, physician Other system	Medications NRT: gum	Individual counseling Medications NRT: gum Self-help	N: 3320 Baseline rate: Zero Follow-up rate:4.0	N: 729 Baseline rate: Zero Follow-up rate:4.0	0.0
				Medications NRT: gum	Patient education Individual counseling Medications NRT: gum Self-help	N: 3320 Baseline rate: Zero Follow-up rate:4.0	N: 396 Baseline rate: Zero Follow-up rate:5.0	1.0
				Individual counseling Medications NRT: gum Self-help	Patient education Individual counseling Medications NRT: gum Self-help	N: 729 Baseline rate: Zero Follow-up rate:4.0	N: 396 Baseline rate: Zero Follow-up rate:5.0	1.0

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SACHS 1993 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Not sure Mainly urban/suburban Outpatient, clinic Not applicable	Patient education Patient financial incentive Individual counseling Self-help	Patient education Patient financial incentive Medications NRT: patch Self-help	N: 107 Baseline rate: Follow-up rate:9.0	N: 107 Zero Baseline rate: Follow-up rate:	113 Zero 25.0	16.0
SALINA 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Organizations Communities	Nonacademic setting Mainly urban/suburban Outpatient, other Not applicable	MassMedia Self-help	Patient financial incentive Org.Fin Group therapy/counseling - leader trained MassMedia Self-help	N: 169 Baseline rate: Follow-up rate:	N: 169 Not reported Baseline rate: 19.5 Follow-up rate:	173 Not reported 30.1	10.6
SAWICKI 1993 Other RCT	Under & over 65 Other vulnerable populations No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, other Other system	Patient education	Individual counseling	N: 45 Baseline rate: Follow-up rate:	N: 45 Zero Baseline rate: 16.0 Follow-up rate:5.0	44 Zero	-11.0
SCHNEIDE . USA CBA	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Individual counseling	Individual counseling Medications NRT: gum	N: 30 Baseline rate: Follow-up rate:	N: 30 Not reported Baseline rate: 20.0 Follow-up rate:	30 Not reported 30.0	10.0
SCHNEIDE . USA CBA	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Control/ usual care	Medications NRT: gum	N: 23 Baseline rate: Follow-up rate:8.0	N: 23 Not reported Baseline rate: Follow-up rate:	13 Not reported 13.0	5.0
SCHNEIDE 1983 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Individual counseling Placebo: gum	Individual counseling Medications NRT: gum	N: 30 Baseline rate: Follow-up rate:	N: 30 Zero Baseline rate: 20.0 Follow-up rate:	30 Zero 30.0	10.0
SCHNEIDE 1983 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Placebo: gum	Medications NRT: gum	N: 23 Baseline rate: Follow-up rate:	N: 23 Zero Baseline rate: 13.0 Follow-up rate:8.0	13 Zero	-5.0
SCHNEIDE 1995 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Not applicable	Patient education Medication other drug	Patient education Medications NRT: nasal spray	N: 127 Baseline rate: Follow-up rate:8.0	N: 127 Not reported Baseline rate: Follow-up rate:	128 Not reported 18.0	10.0

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	Vulnerable populations targeted		Geographic setting			Health-care Practice setting	Reimbursement system	Baseline rate:	Follow-up rate:	
SCHNEIDE 1996 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education	Patient education Medication other drug	N: Baseline rate: Follow-up rate:8.0	111 N: Not reported Follow-up rate:	112 Not reported 13.0	5.0	
SCHNEIDE 1996 USA RCT	Adults under 65 only No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Patient education	Patient education Mediations anxiolytics	N: Baseline rate: Follow-up rate:	49 N: Not reported 11.0	51 Not reported 12.0	1.0	
SCHNEIDE 1997 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Not applicable Other system	Control/ usual care	Inhaler	N: Baseline rate: Follow-up rate:8.0	111 N: Not reported Follow-up rate:	112 Not reported 13.0	5.0	
SCHORLIN 1997 USA CBA	Under & over 65 African Americans No special exceptions for comorbidity	Patients Communities	Nonacademic setting Mainly rural Outpatient, clinic Mixed	Control/ usual care	Patient education Individual counseling MassMedia Self-help	N: Baseline rate: Follow-up rate:9.5	304 N: Not reported Follow-up rate:6.1	344 Not reported	-3.4	

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						N:	Baseline rate:	Follow-up rate:	N:	
SCHWARTZ 1968 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic HMO	Patient education	Patient education	N:	36 N:	36	Zero	2.7
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:	16.7	Follow-up rate:	19.4	
				Patient education	Patient education	N:	36 N:	36	Zero	8.3
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:	16.7	Follow-up rate:	25.0	
				Patient education	Patient education Mediations anxietytics	N:	36 N:	36	Zero	-8.4
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:	16.7	Follow-up rate:	8.3	
				Patient education	Patient education Individual counseling	N:	36 N:	36	Zero	13.9
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:	16.7	Follow-up rate:	30.6	
				Patient education	Patient education Individual counseling Mediations anxietytics	N:	36 N:	36	Zero	-2.8
						Baseline rate:	Zero	Baseline rate:	Zero	
		Follow-up rate:	16.7	Follow-up rate:	13.9					
Patient education	Patient education Group therapy/counseling - leader trained	N:	36 N:	36	Zero	11.1				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	16.7	Follow-up rate:	27.8					
Patient education	Patient education Group therapy/counseling - leader trained Mediations anxietytics	N:	36 N:	36	Zero	2.7				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	16.7	Follow-up rate:	19.4					
Patient education	Patient education Group therapy/counseling - leader trained	N:	36 N:	36	Not reported	0.0				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	16.7	Follow-up rate:	16.7					
Patient education	Patient education	N:	36 N:	36	Zero	5.6				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	19.4	Follow-up rate:	25.0					
Patient education	Patient education Mediations anxietytics	N:	36 N:	36	Zero	-11.1				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	19.4	Follow-up rate:	8.3					
Patient education	Patient education Individual counseling	N:	36 N:	36	Zero	11.2				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	19.4	Follow-up rate:	30.6					
Patient education	Patient education Individual counseling Mediations anxietytics	N:	36 N:	36	Zero	-5.5				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	19.4	Follow-up rate:	13.9					
Patient education	Patient education Group therapy/counseling - leader trained	N:	36 N:	36	Zero	8.4				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	19.4	Follow-up rate:	27.8					
Patient education	Patient education Group therapy/counseling - leader trained Mediations anxietytics	N:	36 N:	36	Zero	0.0				
		Baseline rate:	Zero	Baseline rate:	Zero					
		Follow-up rate:	19.4	Follow-up rate:	19.4					
SCHWARTZ 1968 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic HMO	Patient education	Patient education Group therapy/counseling - leader trained	N:	36 N:	36	Not reported	-2.7
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:	19.4	Follow-up rate:	16.7	

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(continued)

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Smoking Cessation Evidence Table

Author Year Country Design	Age Vulnerable populations targeted Comorbidities included or excluded	Research setting Geographic setting Health-care Practice setting Reimbursement system	Intervention 1	Intervention 2	Intervention 1 Characteristics	Intervention 2 Characteristics	ARR
			Patient education	Patient education Mediations anxiolytics	N: 36 Baseline rate: Zero Follow-up rate: 25.0	N: 36 Baseline rate: Zero Follow-up rate: 8.3	-16.7
			Patient education	Patient education Individual counseling	N: 36 Baseline rate: Zero Follow-up rate: 25.0	N: 36 Baseline rate: Zero Follow-up rate: 30.6	5.6
			Patient education	Patient education Individual counseling Mediations anxiolytics	N: 36 Baseline rate: Zero Follow-up rate: 25.0	N: 36 Baseline rate: Zero Follow-up rate: 13.9	-11.1
			Patient education	Patient education Group therapy/counseling - leader trained	N: 36 Baseline rate: Zero Follow-up rate: 25.0	N: 36 Baseline rate: Zero Follow-up rate: 27.8	2.8
			Patient education	Patient education Group therapy/counseling - leader trained Mediations anxiolytics	N: 36 Baseline rate: Zero Follow-up rate: 25.0	N: 36 Baseline rate: Zero Follow-up rate: 19.4	-5.6
			Patient education	Patient education Group therapy/counseling - leader trained	N: 36 Baseline rate: Zero Follow-up rate: 25.0	Not reported Zero 16.7	-8.3
			Patient education Mediations anxiolytics	Patient education Individual counseling	N: 36 Baseline rate: Zero Follow-up rate: 8.3	N: 36 Baseline rate: Zero Follow-up rate: 30.6	22.3
			Patient education Mediations anxiolytics	Patient education Individual counseling Mediations anxiolytics	N: 36 Baseline rate: Zero Follow-up rate: 8.3	N: 36 Baseline rate: Zero Follow-up rate: 13.9	5.6
			Patient education Mediations anxiolytics	Patient education Group therapy/counseling - leader trained	N: 36 Baseline rate: Zero Follow-up rate: 8.3	N: 36 Baseline rate: Zero Follow-up rate: 27.8	19.5
			Patient education Mediations anxiolytics	Patient education Group therapy/counseling - leader trained Mediations anxiolytics	N: 36 Baseline rate: Zero Follow-up rate: 8.3	N: 36 Baseline rate: Zero Follow-up rate: 19.4	11.1
			Patient education Mediations anxiolytics	Patient education Group therapy/counseling - leader trained	N: 36 Baseline rate: Zero Follow-up rate: 8.3	Not reported Zero 16.7	8.4
			Patient education Individual counseling	Patient education Individual counseling Mediations anxiolytics	N: 36 Baseline rate: Zero Follow-up rate: 30.6	N: 36 Baseline rate: Zero Follow-up rate: 13.9	-16.7
			Patient education Individual counseling	Patient education Group therapy/counseling - leader trained	N: 36 Baseline rate: Zero Follow-up rate: 30.6	N: 36 Baseline rate: Zero Follow-up rate: 27.8	-2.8

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	Geographic setting				Health-care Practice setting					
SCHWARTZ 1968 USA RCT (continued)	Adults under 65 only	No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic HMO	Patient education	Patient education	N:	36 N:	36	-11.2
	Individual counseling				Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
					Mediations anxiolytics	Follow-up rate:	30.6 Follow-up rate:	19.4		
	Patient education				Patient education	N:	36 N:	Not reported		
	Individual counseling				Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
					Mediations anxiolytics	Follow-up rate:	30.6 Follow-up rate:	16.7		
	Patient education				Patient education	N:	36 N:	36		
	Individual counseling				Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
	Mediations anxiolytics					Follow-up rate:	13.9 Follow-up rate:	27.8		
Patient education	Patient education	N:	36 N:	36	5.5					
Individual counseling	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero						
Mediations anxiolytics		Follow-up rate:	13.9 Follow-up rate:	19.4						
Patient education	Patient education	N:	36 N:	Not reported						
Individual counseling	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero						
Mediations anxiolytics		Follow-up rate:	13.9 Follow-up rate:	16.7						
Patient education	Patient education	N:	36 N:	36						
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero						
Mediations anxiolytics		Follow-up rate:	27.8 Follow-up rate:	19.4						
Patient education	Patient education	N:	36 N:	Not reported	-11.1					
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero						
Mediations anxiolytics		Follow-up rate:	13.9 Follow-up rate:	16.7						
Patient education	Patient education	N:	36 N:	Not reported						
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero						
Mediations anxiolytics		Follow-up rate:	19.4 Follow-up rate:	16.7						
Patient education	Patient education	N:	36 N:	Not reported						
Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero						
Mediations anxiolytics		Follow-up rate:	19.4 Follow-up rate:	16.7						
SEGNAN 1991 Other RCT	Adults under 65 only	No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Provider education	Provider education	N:	62 N:	275	0.7
	Individual counseling				Individual counseling	Baseline rate:	Not reported Baseline rate:	Not reported		
						Follow-up rate:4.8	Follow-up rate:5.5			
	Provider education				Provider education	N:	62 N:	294		
	Individual counseling				Individual counseling	Baseline rate:	Not reported Baseline rate:	Not reported		
					Medications NRT: gum	Follow-up rate:4.8	Follow-up rate:7.5			
	Provider education				Provider education	N:	62 N:	292		
Individual counseling	Individual counseling	Baseline rate:	Not reported Baseline rate:	Not reported						
		Follow-up rate:4.8	Follow-up rate:6.5							
Provider education	Provider education	N:	275 N:	294	2.0					
Individual counseling	Individual counseling	Baseline rate:	Not reported Baseline rate:	Not reported						
	Medications NRT: gum	Follow-up rate:5.5	Follow-up rate:7.5							
Provider education	Provider education	N:	275 N:	292						
Individual counseling	Individual counseling	Baseline rate:	Not reported Baseline rate:	Not reported						
		Follow-up rate:5.5	Follow-up rate:6.5							
Provider education	Provider education	N:	294 N:	292						
Individual counseling	Individual counseling	Baseline rate:	Not reported Baseline rate:	Not reported						
Medications NRT: gum		Follow-up rate:7.5	Follow-up rate:6.5							

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Smoking Cessation Evidence Table

Author Year Country Design	Age Vulnerable populations targeted Comorbidities included or excluded	Target(s)	Research setting Geographic setting Health-care Practice setting Reimbursement system	Intervention 1	Intervention 2	Intervention 1		Intervention 2		ARR
						Characteristics	Characteristics	Characteristics	Characteristics	
SEVERSON 1998 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Dentists Other provider	Nonacademic setting Mixed rural/urban/suburban Outpatient, other Fee-for-service	Control/ usual care	Patient education Provider education Individual counseling Self-help	N:	25 N:	26	0.2	
						Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:2.4	Follow-up rate:2.6			
SIMON 1997 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Hospital & outpatient Other system	Individual counseling Self-help	Individual counseling Medications NRT: gum Self-help	N:	156 N:	168	7.0	
						Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:6.0	Follow-up rate:	13.0		
SLAMA 1990 Australia RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Not sure Outpatient, physician Other system	Control/ usual care	Patient education Individual counseling	N:	106 N:	104	0.0	
						Baseline rate:	Zero	Baseline rate:	Zero	
						Follow-up rate:1.0	Follow-up rate:1.0			
SLAMA 1995 France RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician Other system	Control/ usual care	Patient education Self-help	N:	2199 N:	929	1.4	
						Baseline rate:	Not reported	Baseline rate:	Not reported	
						Follow-up rate:0.5	Follow-up rate:1.9			

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SONDERSK 1997 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Nonacademic setting Mainly urban/suburban Outpatient, other Other system	Patient financial incentive Medications NRT: patch	Patient financial incentive Medications NRT: patch	N: 125 N: 142	Baseline rate: Not reported Baseline rate: Not reported	-14.2
						Follow-up rate: 18.4 Follow-up rate:4.2		
						N: 125 N: 119	Baseline rate: Not reported Baseline rate: Not reported	4.3
						Follow-up rate: 18.4 Follow-up rate: 22.7		
						N: 125 N: 132	Baseline rate: Not reported Baseline rate: Not reported	-7.4
						Follow-up rate: 18.4 Follow-up rate: 11.0		
SONDERSK 1997 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Nonacademic setting Mainly urban/suburban Outpatient, other Other system	Patient financial incentive Medications NRT: patch	Patient financial incentive Medications NRT: patch	N: 142 N: 119	Baseline rate: Not reported Baseline rate: Not reported	18.5
						Follow-up rate:4.2 Follow-up rate: 22.7		
						N: 142 N: 132	Baseline rate: Not reported Baseline rate: Not reported	6.8
						Follow-up rate:4.2 Follow-up rate: 11.0		
						N: 119 N: 132	Baseline rate: Not reported Baseline rate: Not reported	-11.7
						Follow-up rate: 22.7 Follow-up rate: 11.0		
STAPLETO 1995 Other RCT	Adults under 65 only No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic Other system	Patient education	Patient education Patient financial incentive Medications NRT: patch	N: 400 N: 800	Baseline rate: Zero Baseline rate: Zero	4.8
						Follow-up rate:4.8 Follow-up rate:9.6		
STAPLETO 1998 UK RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, other Other system	Control/ usual care Patient education Patient financial incentive Group therapy/counseling - leader trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: nasal spray	N: 111 N: 116	Baseline rate: Not reported Baseline rate: Not reported	9.3
						Follow-up rate:6.1 Follow-up rate: 15.4		
STEVENS 1993 USA CCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Mainly urban/suburban Hospital & outpatient HMO	Control/ usual care	Patient education Patient reminders Individual counseling Self-help	N: 666 N: 453	Baseline rate:4.5 Baseline rate:5.6	3.2
						Follow-up rate:9.2 Follow-up rate: 13.5		

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						Characteristics	Characteristics	Characteristics	Characteristics	
STEVENS 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Counselors	Nonacademic setting Mixed rural/urban/suburban Outpatient, clinic HMO	Provider education	Provider education	N:	198 N:	184	8.0	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Follow-up rate:	33.3 Follow-up rate:	41.3		
				Provider education	Provider education	N:	198 N:	205	0.8	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Follow-up rate:	33.3 Follow-up rate:	34.1		
				Provider education	Provider education	N:	184 N:	205	-7.2	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
				Group therapy/counseling - leader not trained	Group therapy/counseling - leader not trained	Follow-up rate:	41.3 Follow-up rate:	34.1		
STEWART 1982 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Academic setting Mainly urban/suburban Outpatient, physician Other system	Control/ usual care	Provider reminders Individual counseling	N: Baseline rate: Follow-up rate:3.1	128 N: Zero Baseline rate: Follow-up rate:3.1	229 Zero	0.0	
				Control/ usual care	Patient education Provider reminders Individual counseling	N: Baseline rate: Follow-up rate:3.1	128 N: Zero Baseline rate: Follow-up rate:4.3	94 Zero	1.2	
				Provider reminders Individual counseling	Patient education Provider reminders Individual counseling	N: Baseline rate: Follow-up rate:3.1	229 N: Zero Baseline rate: Follow-up rate:4.3	94 Zero	1.2	
STRECHER 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, physician Mixed	Control/ usual care	Self-help	N: Baseline rate: Follow-up rate:	Not reported N: Zero Baseline rate: 17.1 Follow-up rate:	Not reported Zero 23.0	5.9	
STRECHER 1991 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Physicians	Academic setting Mainly urban/suburban Outpatient, physician Mixed	Control/ usual care	Provider education Feedback Provider reminders	N: Baseline rate: Follow-up rate:1.7	157 N: Not reported Baseline rate: Follow-up rate:5.6	184 Not reported	3.9	
				Control/ usual care	Provider education Feedback	N: Baseline rate: Follow-up rate:1.7	157 N: Not reported Baseline rate: Follow-up rate:3.4	156 Not reported	1.7	
				Control/ usual care	Provider reminders	N: Baseline rate: Follow-up rate:1.7	157 N: Not reported Baseline rate: Follow-up rate:5.7	162 Not reported	4.0	
				Provider education Feedback Provider reminders	Provider education Feedback	N: Baseline rate: Follow-up rate:5.6	184 N: Not reported Baseline rate: Follow-up rate:3.4	156 Not reported	-2.2	
				Provider education Feedback Provider reminders	Provider reminders	N: Baseline rate: Follow-up rate:5.6	184 N: Not reported Baseline rate: Follow-up rate:5.7	162 Not reported	0.1	
				Provider education Feedback	Provider reminders	N: Baseline rate: Follow-up rate:3.4	156 N: Not reported Baseline rate: Follow-up rate:5.7	162 Not reported	2.3	

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STRECHER 1994 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Physicians	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Control/ usual care	Provider education Provider reminders	N: 157 Baseline rate: Not reported Follow-up rate:1.7	N: 184 Baseline rate: Not reported Follow-up rate:5.6	3.9
				Control/ usual care	Provider education	N: 157 Baseline rate: Not reported Follow-up rate:1.7	N: 156 Baseline rate: Not reported Follow-up rate:3.4	1.7
				Control/ usual care	Provider reminders	N: 157 Baseline rate: Not reported Follow-up rate:1.7	N: 162 Baseline rate: Not reported Follow-up rate:5.7	4.0
				Provider education Provider reminders	Provider education	N: 184 Baseline rate: Not reported Follow-up rate:5.6	N: 156 Baseline rate: Not reported Follow-up rate:3.4	-2.2
				Provider education Provider reminders	Provider reminders	N: 184 Baseline rate: Not reported Follow-up rate:5.6	N: 162 Baseline rate: Not reported Follow-up rate:5.7	0.1
				Provider education	Provider reminders	N: 156 Baseline rate: Not reported Follow-up rate:3.4	N: 162 Baseline rate: Not reported Follow-up rate:5.7	2.3
SUTHERLA 1992 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Nonacademic setting Mainly urban/suburban Outpatient, clinic Other system	Control/ usual care Patient education Patient financial incentive Group therapy/counseling - leader trained Medication other drug	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: nasal spray	N: 103 Baseline rate: Zero Follow-up rate: 10.0	N: 111 Baseline rate: Zero Follow-up rate: 26.0	16.0
SUTTON 1987 UK RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, other Other system	Control/ usual care	Control/ usual care	N: 64 Baseline rate: Not reported Follow-up rate:2.0	N: 98 Baseline rate: Not reported Follow-up rate:1.0	-1.0
				Control/ usual care	Patient education Individual counseling Medications NRT: gum	N: 64 Baseline rate: Not reported Follow-up rate:2.0	N: 172 Baseline rate: Not reported Follow-up rate: 12.0	10.0
				Control/ usual care	Patient education Individual counseling Medications NRT: gum	N: 98 Baseline rate: Not reported Follow-up rate:1.0	N: 172 Baseline rate: Not reported Follow-up rate: 12.0	11.0
SUTTON 1988 UK RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Not applicable Other system	Control/ usual care	Patient education Individual counseling Medications NRT: gum	N: 82 Baseline rate: Zero Follow-up rate:2.0	N: 32 Baseline rate: Zero Follow-up rate: 16.0	14.0
TARVIS . Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Group therapy/counseling - leader trained Medications NRT: gum	Group therapy/counseling - leader trained Medications NRT: gum	N: 58 Baseline rate: Not reported Follow-up rate: 14.0	N: 58 Baseline rate: Not reported Follow-up rate: 31.0	17.0

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						Characteristics	Characteristics	Characteristics	Characteristics	
TAYLOR 1996 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Hospital & outpatient HMO	Self-help	Individual counseling	N: Baseline rate: Follow-up rate:	313 N: Not reported 21.0	N: Baseline rate: Follow-up rate:	315 Not reported 31.0	10.0
TAYLOR 1990 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Hospital & outpatient HMO	Control/ usual care	Patient education Individual counseling Self-help	N: Baseline rate: Follow-up rate:	82 N: Not reported 32.0	N: Baseline rate: Follow-up rate:	84 Not reported 61.0	29.0
THOMPSON 1988 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician HMO	Control/ usual care	Patient education Individual counseling	N: Baseline rate: Follow-up rate:	103 N: Zero 15.5	N: Baseline rate: Follow-up rate:	89 Zero 11.2	-4.3
				Control/ usual care	Patient education Self-help	N: Baseline rate: Follow-up rate:	103 N: Zero 15.5	N: Baseline rate: Follow-up rate:	89 Zero 11.2	-4.3
				Control/ usual care	Patient education	N: Baseline rate: Follow-up rate:	103 N: Zero 15.5	N: Baseline rate: Follow-up rate:	96 Zero 14.6	-0.9
				Control/ usual care	Patient education Individual counseling Self-help	N: Baseline rate: Follow-up rate:	103 N: Zero 15.5	N: Baseline rate: Follow-up rate:	99 Zero 16.2	0.7
				Control/ usual care	Patient education Patient financial incentive Individual counseling	N: Baseline rate: Follow-up rate:	103 N: Zero 15.5	N: Baseline rate: Follow-up rate:	91 Zero 14.3	-1.2
				Control/ usual care	Patient education Patient financial incentive Self-help	N: Baseline rate: Follow-up rate:	103 N: Zero 15.5	N: Baseline rate: Follow-up rate:	97 Zero 9.3	-6.2
				Control/ usual care	Patient education Patient financial incentive Individual counseling Self-help	N: Baseline rate: Follow-up rate:	103 N: Zero 15.5	N: Baseline rate: Follow-up rate:	92 Zero 10.9	-4.6
				Patient education Individual counseling	Patient education Self-help	N: Baseline rate: Follow-up rate:	89 N: Zero 11.2	N: Baseline rate: Follow-up rate:	89 Zero 11.2	0.0
				Patient education Individual counseling	Patient education	N: Baseline rate: Follow-up rate:	89 N: Zero 11.2	N: Baseline rate: Follow-up rate:	96 Zero 14.6	3.4
				Patient education Individual counseling	Patient education Individual counseling Self-help	N: Baseline rate: Follow-up rate:	89 N: Zero 11.2	N: Baseline rate: Follow-up rate:	99 Zero 16.2	5.0
				Patient education Individual counseling	Patient education Patient financial incentive Individual counseling	N: Baseline rate: Follow-up rate:	89 N: Zero 11.2	N: Baseline rate: Follow-up rate:	91 Zero 14.3	3.1

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	Vulnerable populations targeted		Geographic setting					
THOMPSON 1988 USA RCT (continued)	Under & over 65	Patients No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Nonacademic setting	Patient education	Patient education	N: 89 N: 97	Zero Baseline rate: Zero	-1.9
	Individual counseling		Patient financial incentive Self-help	Baseline rate: 11.2 Follow-up rate: 9.3	Zero Baseline rate: 11.2 Follow-up rate: 9.3	Zero		
	Patient education		Patient education	N: 89 N: 92	Zero Baseline rate: Zero	-0.3		
	Individual counseling		Patient financial incentive Individual counseling Self-help	Baseline rate: 11.2 Follow-up rate: 10.9	Zero Baseline rate: 11.2 Follow-up rate: 10.9	Zero		
	Patient education		Patient education	N: 89 N: 96	Zero Baseline rate: Zero	3.4		
	Self-help			Baseline rate: 11.2 Follow-up rate: 14.6	Zero Baseline rate: 11.2 Follow-up rate: 14.6	Zero		
	Patient education		Patient education	N: 89 N: 99	Zero Baseline rate: Zero	5.0		
	Self-help		Individual counseling Self-help	Baseline rate: 11.2 Follow-up rate: 16.2	Zero Baseline rate: 11.2 Follow-up rate: 16.2	Zero		
	Patient education		Patient education	N: 89 N: 91	Zero Baseline rate: Zero	3.1		
	Self-help		Patient financial incentive Individual counseling	Baseline rate: 11.2 Follow-up rate: 14.3	Zero Baseline rate: 11.2 Follow-up rate: 14.3	Zero		
	Patient education		Patient education	N: 89 N: 97	Zero Baseline rate: Zero	-1.9		
	Self-help		Patient financial incentive Self-help	Baseline rate: 11.2 Follow-up rate: 9.3	Zero Baseline rate: 11.2 Follow-up rate: 9.3	Zero		
	Patient education		Patient education	N: 89 N: 92	Zero Baseline rate: Zero	-0.3		
	Self-help		Patient financial incentive Individual counseling Self-help	Baseline rate: 11.2 Follow-up rate: 10.9	Zero Baseline rate: 11.2 Follow-up rate: 10.9	Zero		
	Patient education		Patient education	N: 96 N: 99	Zero Baseline rate: Zero	1.6		
	Self-help		Individual counseling Self-help	Baseline rate: 14.6 Follow-up rate: 16.2	Zero Baseline rate: 14.6 Follow-up rate: 16.2	Zero		
Patient education	Patient education	N: 96 N: 91	Zero Baseline rate: Zero	-0.3				
Self-help	Patient financial incentive Individual counseling	Baseline rate: 14.6 Follow-up rate: 14.3	Zero Baseline rate: 14.6 Follow-up rate: 14.3	Zero				
Patient education	Patient education	N: 96 N: 97	Zero Baseline rate: Zero	-5.3				
Self-help	Patient financial incentive Self-help	Baseline rate: 14.6 Follow-up rate: 9.3	Zero Baseline rate: 14.6 Follow-up rate: 9.3	Zero				
Patient education	Patient education	N: 96 N: 92	Zero Baseline rate: Zero	-3.7				
Self-help	Patient financial incentive Individual counseling Self-help	Baseline rate: 14.6 Follow-up rate: 10.9	Zero Baseline rate: 14.6 Follow-up rate: 10.9	Zero				
Patient education	Patient education	N: 99 N: 91	Zero Baseline rate: Zero	-1.9				
Individual counseling	Patient financial incentive Individual counseling	Baseline rate: 16.2 Follow-up rate: 14.3	Zero Baseline rate: 16.2 Follow-up rate: 14.3	Zero				
Patient education	Patient education	N: 99 N: 97	Zero Baseline rate: Zero	-6.9				
Individual counseling	Patient financial incentive Self-help	Baseline rate: 16.2 Follow-up rate: 9.3	Zero Baseline rate: 16.2 Follow-up rate: 9.3	Zero				
Patient education	Patient education	N: 99 N: 92	Zero Baseline rate: Zero	-5.3				
Individual counseling	Patient financial incentive Individual counseling Self-help	Baseline rate: 16.2 Follow-up rate: 10.9	Zero Baseline rate: 16.2 Follow-up rate: 10.9	Zero				
Self-help		Follow-up rate: 10.9	16.2 Follow-up rate: 10.9	10.9				

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Smoking Cessation Evidence Table

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				Intervention 1	Intervention 2					
THOMPSON 1988 USA RCT (continued)	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Outpatient, physician HMO	Patient education	Patient education	N:	91 N:	97	-5.0	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
				Individual counseling	Self-help	Follow-up rate:	14.3 Follow-up rate:9.3			
				Patient education	Patient education	N:	91 N:	92	-3.4	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
				Individual counseling	Individual counseling Self-help	Follow-up rate:	14.3 Follow-up rate:	10.9		
				Patient education	Patient education	N:	97 N:	92	1.6	
				Patient financial incentive	Patient financial incentive	Baseline rate:	Zero Baseline rate:	Zero		
				Self-help	Individual counseling Self-help	Follow-up rate:9.3	Follow-up rate:	10.9		
THOMPSON 1993 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mixed rural/urban/suburban Not applicable Not applicable	Patient education	Individual counseling	N: Baseline rate: Follow-up rate:	185 N: Not reported 18.5	197 Not reported 19.2	0.7	
TIFFANY 1986 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mixed rural/urban/suburban Outpatient, clinic Not applicable	Patient education	Patient education	N:	22 N:	20	-24.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
				Medication other drug	Medication other drug	Follow-up rate:	59.0 Follow-up rate:	35.0		
				Patient education	Patient education	N:	22 N:	20	-4.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
				Medication other drug	Medication other drug	Follow-up rate:	59.0 Follow-up rate:	55.0		
				Patient education	Patient education	N:	22 N:	20	-24.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
				Medication other drug	Medication other drug	Follow-up rate:	59.0 Follow-up rate:	35.0		
				Patient education	Patient education	N:	20 N:	20	20.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
				Medication other drug	Medication other drug	Follow-up rate:	35.0 Follow-up rate:	55.0		
				Patient education	Patient education	N:	20 N:	20	0.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
				Medication other drug	Medication other drug	Follow-up rate:	35.0 Follow-up rate:	35.0		
				Patient education	Patient education	N:	20 N:	20	-20.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	Baseline rate:	Zero Baseline rate:	Zero		
				Medication other drug	Medication other drug	Follow-up rate:	55.0 Follow-up rate:	35.0		

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TONNESEN 1993 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Not sure Mainly urban/suburban Outpatient, clinic Other system	Patient education Individual counseling	Patient education Individual counseling Medications NRT: nasal spray	N: Baseline rate: Follow-up rate:5.0	141 N: Not reported Follow-up rate:	145 Not reported 15.2	10.2
TONNESEN 1988 Other RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, other Other system	Patient education Patient financial incentive Group therapy/counseling - leader trained	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: Baseline rate: Follow-up rate:9.4	53 N: Not reported Follow-up rate:	60 Not reported 28.3	18.9
				Patient education Patient financial incentive Group therapy/counseling - leader trained	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: Baseline rate: Follow-up rate:9.4	53 N: Not reported Follow-up rate:	27 Not reported 33.3	23.9
				Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	Patient education Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	N: Baseline rate: Follow-up rate:	60 N: Not reported 28.3	27 Not reported 33.3	5.0

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TONNESEN 1988 Other RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, not phys. Other system	Control/ usual care	Patient education	N:	56 N:	62	26.3		
				Self-help	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	Baseline rate:	Not reported	Baseline rate:		Not reported	32.0
				Control/ usual care	Patient education	N:	56 N:	54		12.3	
Self-help	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	Baseline rate:	Not reported	Baseline rate:	Not reported	18.0					
TONNESEN 1991 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education	Patient education	N:	62 N:	54	-14.0		
				Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	Patient financial incentive Group therapy/counseling - leader trained Medications NRT: gum	Baseline rate:	Not reported	Baseline rate:		Not reported	18.0
TONNESEN 1991 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity, persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education	Patient education	N:	144 N:	145	9.0		
				Patient financial incentive Medications NRT: patch	Patient financial incentive Medications NRT: patch	Baseline rate:	Not reported	Baseline rate:		Not reported	11.0
TONNESEN 1996 Denmark RCT	65 years + only No vulnerable populations targeted No special exceptions for comorbidity	Patients Nurses	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Control/ usual care	Patient education Provider education Patient reminders Individual counseling	N:	253 N:	254	1.9		
						Baseline rate:	Not reported	Baseline rate:		Not reported	Follow-up rate:1.2
TRANSDERMAL NICOTINE STUDY GROUP 1991 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader not trained Individual counseling	Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	N:	253 N:	254	6.0		
				Group therapy/counseling - leader not trained Individual counseling	Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	Baseline rate:	Not reported	Baseline rate:		Not reported	18.0
				Group therapy/counseling - leader not trained Individual counseling	Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	N:	253 N:	249	14.0		
Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	Baseline rate:	Not reported	Baseline rate:	Not reported	26.0					
TRANSDERMAL NICOTINE STUDY GROUP 1991 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	N:	254 N:	249	8.0		
				Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	Patient financial incentive Group therapy/counseling - leader not trained Individual counseling Medications NRT: patch	Baseline rate:	Not reported	Baseline rate:		Not reported	26.0

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VELICER 1999 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Mixed rural/urban/suburban Not applicable Managed care	Self-help	Self-help	N: Baseline rate: Follow-up rate:7.2	359 N: Zero Baseline rate: Follow-up rate:6.4	368 Zero	-0.8
				Self-help	Self-help	N: Baseline rate: Follow-up rate:7.2	359 N: Zero Baseline rate: Follow-up rate:4.7	366 Zero	-2.5
				Self-help	Self-help	N: Baseline rate: Follow-up rate:7.2	359 N: Zero Baseline rate: Follow-up rate:7.5	360 Zero	0.3
				Self-help	Self-help	N: Baseline rate: Follow-up rate:7.2	359 N: Zero Baseline rate: Follow-up rate:9.8	357 Zero	2.6
				Self-help	Self-help	N: Baseline rate: Follow-up rate:7.2	359 N: Zero Baseline rate: Follow-up rate:8.1	353 Zero	0.9
				Self-help	Self-help	N: Baseline rate: Follow-up rate:7.2	359 N: Zero Baseline rate: Follow-up rate:	362 Zero 11.2	4.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:7.2	359 N: Zero Baseline rate: Follow-up rate:8.2	357 Zero	1.0
				Self-help	Self-help	N: Baseline rate: Follow-up rate:6.4	368 N: Zero Baseline rate: Follow-up rate:4.7	366 Zero	-1.7
				Self-help	Self-help	N: Baseline rate: Follow-up rate:6.4	368 N: Zero Baseline rate: Follow-up rate:7.5	360 Zero	1.1
				Self-help	Self-help	N: Baseline rate: Follow-up rate:6.4	368 N: Zero Baseline rate: Follow-up rate:9.8	357 Zero	3.4
				Self-help	Self-help	N: Baseline rate: Follow-up rate:6.4	368 N: Zero Baseline rate: Follow-up rate:8.1	353 Zero	1.7
				Self-help	Self-help	N: Baseline rate: Follow-up rate:6.4	368 N: Zero Baseline rate: Follow-up rate:	362 Zero 11.2	4.8
				Self-help	Self-help	N: Baseline rate: Follow-up rate:6.4	368 N: Zero Baseline rate: Follow-up rate:8.2	357 Zero	1.8
				Self-help	Self-help	N: Baseline rate: Follow-up rate:4.7	366 N: Zero Baseline rate: Follow-up rate:7.5	360 Zero	2.8
				Self-help	Self-help	N: Baseline rate: Follow-up rate:4.7	366 N: Zero Baseline rate: Follow-up rate:9.8	357 Zero	5.1

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						Characteristics	Characteristics	Characteristics	Characteristics	
VELICER 1999 USA RCT (continued)	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Not sure Mixed rural/urban/suburban Not applicable Managed care	Self-help	Self-help	N:	366 N:	353	3.4	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:4.7	Follow-up rate:8.1			
						N:	366 N:	362	6.5	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:4.7	Follow-up rate:	11.2		
						N:	366 N:	357	3.5	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:4.7	Follow-up rate:8.2			
						N:	360 N:	357	2.3	
						Baseline rate:	Zero Baseline rate:	Zero		
						Follow-up rate:7.5	Follow-up rate:9.8			
						N:	360 N:	353	0.6	
						Baseline rate:	Zero Baseline rate:	Zero		
Follow-up rate:7.5	Follow-up rate:8.1									
N:	360 N:	362	3.7							
Baseline rate:	Zero Baseline rate:	Zero								
Follow-up rate:7.5	Follow-up rate:	11.2								
N:	360 N:	357	0.7							
Baseline rate:	Zero Baseline rate:	Zero								
Follow-up rate:7.5	Follow-up rate:8.2									
N:	357 N:	353	-1.7							
Baseline rate:	Zero Baseline rate:	Zero								
Follow-up rate:9.8	Follow-up rate:8.1									
N:	357 N:	362	1.4							
Baseline rate:	Zero Baseline rate:	Zero								
Follow-up rate:9.8	Follow-up rate:	11.2								
N:	357 N:	357	-1.6							
Baseline rate:	Zero Baseline rate:	Zero								
Follow-up rate:9.8	Follow-up rate:8.2									
N:	353 N:	362	3.1							
Baseline rate:	Zero Baseline rate:	Zero								
Follow-up rate:8.1	Follow-up rate:	11.2								
N:	353 N:	357	0.1							
Baseline rate:	Zero Baseline rate:	Zero								
Follow-up rate:8.1	Follow-up rate:8.2									
N:	362 N:	357	-3.0							
Baseline rate:	Zero Baseline rate:	Zero								
Follow-up rate:	11.2 Follow-up rate:8.2									
VETTER 1990 UK RCT	65 years + only No vulnerable populations targeted No special exceptions for comorbidity	Patients Organizations	Nonacademic setting Mainly rural Outpatient, physician Other system	Control/ usual care	Individual counseling Organizational change	N: Baseline rate: Follow-up rate:9.0	234 N: Zero Baseline rate: Follow-up rate:	237 Zero 14.0	5.0	

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						Characteristics	Characteristics	Characteristics	Characteristics	
VILLAGRA 1991 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Not sure Outpatient, not phys. Mixed	Individual counseling	Individual counseling Clonidine	N: Baseline rate: Follow-up rate:	68 N: Zero 13.2	N: Baseline rate: Follow-up rate:	53 Zero 17.0	3.8
VILLAGRA 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Not sure Outpatient, physician Mixed	Individual counseling	Individual counseling Clonidine	N: Baseline rate: Follow-up rate:8.6	Not reported N: Zero Follow-up rate:	N: Baseline rate: Follow-up rate:	Not reported Zero 23.5	14.9
WEI HAO 1988 Other RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with other cessation-affecting conditions	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education	Patient education Clonidine	N: Baseline rate: Follow-up rate:	35 N: Not reported 36.8	N: Baseline rate: Follow-up rate:	38 Not reported 57.1	20.3
				Patient education	Patient education Mediations anxiolytics	N: Baseline rate: Follow-up rate:	35 N: Not reported 36.8	N: Baseline rate: Follow-up rate:	34 Not reported 36.8	0.0
				Patient education Clonidine	Patient education Mediations anxiolytics	N: Baseline rate: Follow-up rate:	38 N: Not reported 57.1	N: Baseline rate: Follow-up rate:	34 Not reported 36.8	-20.3
WEISSFEL 1991 USA RCT	Under & over 65 Other vulnerable populations Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education	Individual counseling Self-help	N: Baseline rate: Follow-up rate:1.2	173 N: Zero Follow-up rate:6.3	N: Baseline rate: Follow-up rate:	143 Zero	5.1
				Patient education	Patient education Patient reminders Individual counseling Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:1.2	173 N: Zero Follow-up rate:6.0	N: Baseline rate: Follow-up rate:	150 Zero	4.8
				Individual counseling Self-help	Patient education Patient reminders Individual counseling Medications NRT: gum Self-help	N: Baseline rate: Follow-up rate:6.3	143 N: Zero Follow-up rate:6.0	N: Baseline rate: Follow-up rate:	150 Zero	-0.3
WESTMAN 1993 Other RCT	Under & over 65 No vulnerable populations targeted Included: persons with high nicotine dependence Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Other system	Patient education Individual counseling Self-help	Patient education Individual counseling Medications NRT: patch Self-help	N: Baseline rate: Follow-up rate:2.5	80 N: Not reported Follow-up rate:	N: Baseline rate: Follow-up rate:	78 Not reported 20.5	18.0

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WILSON 1988 Canada RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Nonacademic setting Mainly urban/suburban Outpatient, physician Other system	Control/ usual care	Medications NRT: gum	N: 601 Baseline rate: Not reported Follow-up rate:4.4	N: 726 Baseline rate: Not reported Follow-up rate:6.1	1.7
				Control/ usual care	Patient education Provider education Individual counseling Medications NRT: gum Self-help	N: 601 Baseline rate: Not reported Follow-up rate:4.4	N: 606 Baseline rate: Not reported Follow-up rate:8.8	4.4
				Medications NRT: gum	Patient education Provider education Individual counseling Medications NRT: gum Self-help	N: 726 Baseline rate: Not reported Follow-up rate:6.1	N: 606 Baseline rate: Not reported Follow-up rate:8.8	2.7
WILSON 1982 Other RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, physician Other system	Patient education	Patient education Individual counseling	N: 93 Baseline rate: Zero Follow-up rate:	N: 91 Baseline rate: Zero Follow-up rate: 23.0	11.0
WILSON 1990 Australia RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients Physicians	Nonacademic setting Mainly urban/suburban Outpatient, physician Fee-for-service	Control/ usual care	Patient education Provider reminders Individual counseling	N: 532 Baseline rate: Zero Follow-up rate:3.2	N: 577 Baseline rate: Zero Follow-up rate:7.5	4.3
WINDSOR 1989 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Nonacademic setting Mainly urban/suburban Outpatient, other Not applicable	Individual counseling Self-help	Individual counseling Self-help	N: Not reported Baseline rate: Not reported Follow-up rate:6.0	N: Not reported Baseline rate: Not reported Follow-up rate:	13.0
				Individual counseling Self-help	Patient financial incentive Individual counseling Self-help	N: Not reported Baseline rate: Not reported Follow-up rate:6.0	N: Not reported Baseline rate: Not reported Follow-up rate:5.0	-1.0
				Individual counseling Self-help	Patient financial incentive Individual counseling Self-help	N: Not reported Baseline rate: Not reported Follow-up rate:6.0	N: Not reported Baseline rate: Not reported Follow-up rate: 10.0	4.0
				Individual counseling Self-help	Patient financial incentive Individual counseling Self-help	N: Not reported Baseline rate: Not reported Follow-up rate: 19.0	N: Not reported Baseline rate: Not reported Follow-up rate:5.0	-14.0
				Individual counseling Self-help	Patient financial incentive Individual counseling Self-help	N: Not reported Baseline rate: Not reported Follow-up rate: 19.0	N: Not reported Baseline rate: Not reported Follow-up rate: 10.0	-9.0
				Patient financial incentive Individual counseling Self-help	Patient financial incentive Individual counseling Self-help	N: Not reported Baseline rate: Not reported Follow-up rate:5.0	N: Not reported Baseline rate: Not reported Follow-up rate: 10.0	5.0

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ZELMAN 1992 USA RCT	Adults under 65 only No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader trained	Patient education	N: 27 Baseline rate: Not reported Follow-up rate: 40.0	N: 26 Baseline rate: Not reported Follow-up rate: 39.0	-1.0	
				Medications NRT: gum	Group therapy/counseling - leader trained	Medications NRT: gum	N: 27 Baseline rate: Not reported Follow-up rate: 40.0	N: 27 Baseline rate: Not reported Follow-up rate: 28.0	-12.0
				Group therapy/counseling - leader trained	Patient education	N: 27 Baseline rate: Not reported Follow-up rate: 40.0	N: 26 Baseline rate: Not reported Follow-up rate: 36.0	-4.0	
				Medications NRT: gum	Group therapy/counseling - leader trained	Medication other drug	N: 26 Baseline rate: Not reported Follow-up rate: 39.0	N: 27 Baseline rate: Not reported Follow-up rate: 28.0	-11.0
				Patient education	Group therapy/counseling - leader trained	N: 26 Baseline rate: Not reported Follow-up rate: 39.0	N: 26 Baseline rate: Not reported Follow-up rate: 36.0	-3.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: 27 Baseline rate: Not reported Follow-up rate: 28.0	N: 26 Baseline rate: Not reported Follow-up rate: 36.0	8.0	
				Medications NRT: gum	Medication other drug	N: 27 Baseline rate: Not reported Follow-up rate: 28.0	N: 26 Baseline rate: Not reported Follow-up rate: 36.0		
ZELMAN 1989 USA RCT	Under & over 65 No vulnerable populations targeted No special exceptions for comorbidity	Patients	Academic setting Mainly urban/suburban Outpatient, clinic Mixed	Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: 30 Baseline rate: Not reported Follow-up rate: 40.0	N: 30 Baseline rate: Not reported Follow-up rate: 26.0	-14.0	
				Medications NRT: gum	Medication other drug	N: 30 Baseline rate: Not reported Follow-up rate: 40.0	N: 28 Baseline rate: Not reported Follow-up rate: 39.0	-1.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: 30 Baseline rate: Not reported Follow-up rate: 40.0	N: 28 Baseline rate: Not reported Follow-up rate: 35.0	-5.0	
				Medications NRT: gum	Medications NRT: gum	N: 30 Baseline rate: Not reported Follow-up rate: 26.0	N: 28 Baseline rate: Not reported Follow-up rate: 39.0	13.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: 30 Baseline rate: Not reported Follow-up rate: 26.0	N: 28 Baseline rate: Not reported Follow-up rate: 35.0	9.0	
				Medication other drug	Medication other drug	N: 28 Baseline rate: Not reported Follow-up rate: 39.0	N: 28 Baseline rate: Not reported Follow-up rate: 35.0	-4.0	
				Group therapy/counseling - leader trained	Group therapy/counseling - leader trained	N: 28 Baseline rate: Not reported Follow-up rate: 39.0	N: 28 Baseline rate: Not reported Follow-up rate: 35.0		

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ZHU 1996 USA RCT	Under & over 65 No vulnerable populations targeted Excluded: persons with psychiatric comorbidity	Patients	Academic setting Mainly urban/suburban Not applicable Not applicable	Control/ usual care Patient financial incentive Self-help	Patient financial incentive Individual counseling Self-help	N: 841 Baseline rate: Not reported Follow-up rate:5.4	N: 1143 Baseline rate: Not reported Follow-up rate:7.5	2.1
				Control/ usual care Patient financial incentive Self-help	Patient financial incentive Individual counseling Self-help	N: 841 Baseline rate: Not reported Follow-up rate:5.4	N: 1046 Baseline rate: Not reported Follow-up rate:9.9	4.5

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