

Appendix

Non-respondent analyses: Lost to follow-up.

The analyses are run as a two-way table with measures of association (chi2).

Time of data collection	6-month follow-up		Total
	Follow-up	No follow	
2001	1,300 3.80	250 2.07	1,550 3.35
2002-2003	5,906 17.25	1,238 10.27	7,144 15.43
2004-2005	6,774 19.79	1,725 14.31	8,499 18.36
2006-2007	6,049 17.67	2,114 17.54	8,163 17.64
2008-2009	6,514 19.03	2,208 18.32	8,722 18.84
2010-2011	4,458 13.02	2,121 17.60	6,579 14.21
2012-2013	3,234 9.45	2,396 19.88	5,630 12.16
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(6) = 1.4e+03 Pr = 0.000

Method/Type of intervention	6-month follow-up		Total
	Follow-up	No follow	
GSP	30,400 88.80	10,251 85.06	40,651 87.82
Brief Intervention	71 0.21	69 0.57	140 0.30
Speed courses	159 0.46	24 0.20	183 0.40
Come and Quit	960 2.80	632 5.24	1,592 3.44
Other	2,645 7.73	1,076 8.93	3,721 8.04
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(4) = 239.6633 Pr = 0.000

Participants

Sex	6-month follow-up		Total
	Follow-up	No follow	
Male	13,280 38.79	4,691 38.92	17,971 38.83
Female	20,953 61.20	7,356 61.04	28,309 61.16
.	2 0.01	5 0.04	7 0.02
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 7.5703 Pr = 0.023

Age at the beginning of the course	6-month follow-up		Total
	Follow-up	No follow	
15-24 years	1,341 3.92	1,017 8.44	2,358 5.09
25-34 years	4,069 11.89	1,816 15.07	5,885 12.71
35-44 years	7,006 20.46	2,524 20.94	9,530 20.59
45-54 years	9,324 27.24	2,986 24.78	12,310 26.59
55+ years	12,426 36.30	3,661 30.38	16,087 34.75
.	69 0.20	48 0.40	117 0.25
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(5) = 553.5021 Pr = 0.000

Education	6-month follow-up		Total
	Follow-up	No follow	
Low education	17,895 52.27	5,682 47.15	23,577 50.94
High education	15,131 44.20	5,855 48.58	20,986 45.34
.	1,209 3.53	515 4.27	1,724 3.72
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 96.9182 Pr = 0.000

Fagerström score	6-month follow-up		Total
	Follow-up	No follow	
0-6 points	24,853 72.60	8,376 69.50	33,229 71.79
7-10 points	9,195 26.86	3,579 29.70	12,774 27.60
.	187 0.55	97 0.80	284 0.61
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 47.6348 Pr = 0.000

Job situation	6-month follow-up		Total
	Follow-up	No follow	
Not unemployed	27,732 81.00	9,084 75.37	36,816 79.54
Unemployed	5,715 16.69	2,585 21.45	8,300 17.93
.	788 2.30	383 3.18	1,171 2.53
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 174.9989 Pr = 0.000

Cigarettes per day	6-month follow-up		Total
	Follow-up	No follow	
<20 cigarettes per da	14,661 42.82	4,957 41.13	19,618 42.38
≥20 cigarettes per da	19,178 56.02	6,977 57.89	26,155 56.51
.	396 1.16	118 0.98	514 1.11
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 14.1003 Pr = 0.001

Being disadvantaged	6-month follow-up		Total
	Follow-up	No follow	
Not disadvantaged	12,717 37.15	4,742 39.35	17,459 37.72
Disadvantaged	20,311 59.33	6,812 56.52	27,123 58.60
.	1,207 3.53	498 4.13	1,705 3.68
Total	34,235 100.00	12,052 100.00	46,287 100.00

Heavy smoker	6-month follow-up		Total
	Follow-up	No follow	
Not heavy smoker	8,184 23.91	3,082 25.57	11,266 24.34
Heavy smoker	25,883 75.60	8,876 73.65	34,759 75.09
.	168 0.49	94 0.78	262 0.57
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 27.8962 Pr = 0.000

No. of pack years	6-month follow-up		Total
	Follow-up	No follow	
<20 pack-years	10,991 32.10	4,626 38.38	15,617 33.74
≥20 pack-years	22,672 66.22	7,243 60.10	29,915 64.63
.	572 1.67	183 1.52	755 1.63
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 157.2072 Pr = 0.000

Compliant with the programme	6-month follow-up		Total
	Follow-up	No follow	
No	10,632 31.06	5,647 46.86	16,279 35.17
Yes	23,169 67.68	6,128 50.85	29,297 63.29
.	434 1.27	277 2.30	711 1.54
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 1.1e+03 Pr = 0.000

Living with a smoker	6-month follow-up		Total
	Follow-up	No follow	
No	21,680 63.33	7,776 64.52	29,456 63.64
Yes	12,197 35.63	4,121 34.19	16,318 35.25
.	358 1.05	155 1.29	513 1.11
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(2) = 11.8403 Pr = 0.003

Living with others	6-month follow-up		Total
	Follow-up	No follow	
Living alone	6,964 34.37	3,242 36.68	10,206 35.07
Living with children	6,226 30.73	2,638 29.85	8,864 30.46
Living with adults (n	6,853 33.82	2,867 32.44	9,720 33.40
.	220 1.09	92 1.04	312 1.07
Total	20,263 100.00	8,839 100.00	29,102 100.00

Pearson chi2(3) = 14.5823 Pr = 0.002

Housing situation	6-month follow-up		Total
	Follow-up	No follow	
Owner	9,984 49.27	3,290 37.22	13,274 45.61
Partly owned	1,689 8.34	812 9.19	2,501 8.59
Rental	8,052 39.74	4,374 49.49	12,426 42.70
Other	184 0.91	164 1.86	348 1.20
.	354 1.75	199 2.25	553 1.90
Total	20,263 100.00	8,839 100.00	29,102 100.00

Pearson chi2(4) = 392.5174 Pr = 0.000

Reccommended to quit by	6-month follow-up		Total
	Follow-up	No follow	
No	13,821 40.37	4,808 39.89	18,629 40.25
Yes, by health care p	15,870 46.36	6,049 50.19	21,919 47.35
Yes, by others (not H	3,650 10.66	750 6.22	4,400 9.51
.	894 2.61	445 3.69	1,339 2.89
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(3) = 248.9327 Pr = 0.000

Earlier quit attempts	6-month follow-up		Total
	Follow-up	No follow	
None	10,015 29.25	4,022 33.37	14,037 30.33
1-3 attempts	17,525 51.19	5,887 48.85	23,412 50.58
> 3 attempts	4,780 13.96	1,516 12.58	6,296 13.60
Yes unknown attempts	1,251 3.65	303 2.51	1,554 3.36
.	664 1.94	324 2.69	988 2.13
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(4) = 130.0030 Pr = 0.000

Smoking cessation clinic

Place of the intervention	6-month follow-up		Total
	Follow-up	No follow	
Capital Region	11,122 32.49	4,536 37.64	15,658 33.83
Central Denmark	8,157 23.83	2,613 21.68	10,770 23.27
North Denmark	1,631 4.76	570 4.73	2,201 4.76
Region Zealand	4,859 14.19	1,458 12.10	6,317 13.65
South Denmark	8,466 24.73	2,875 23.85	11,341 24.50
Total	34,235 100.00	12,052 100.00	46,287 100.00

Pearson chi2(4) = 118.9975 Pr = 0.000

Setting	6-month follow-up		Total
	Follow-up	No follow	
Citizen aimed	25,071 73.23	9,497 28.80	34,568 100.00
Hospital/Midwife	7,590 22.17	2,122 6.35	9,712 28.52
Other	1,574 4.60	433 1.27	2,007 6.00
Total	34,235 100.00	12,052 35.20	46,287 100.00

Pearson $\chi^2(2) = 146.2297$ Pr = 0.000

Free NRT or other supportive medication	6-month follow-up		Total
	Follow-up	No follow	
No	13,319 38.90	5,168 14.84	18,487 53.74
Free for days	14,000 40.89	4,391 12.51	18,391 53.40
Free for one week or more	4,426 12.93	1,636 4.73	6,062 17.63
.	2,490 7.27	857 2.48	3,347 9.40
Total	34,235 100.00	12,052 35.20	46,287 100.00

Pearson $\chi^2(3) = 83.0809$ Pr = 0.000

Smoking cessation intervention

Format of the intervention	6-month follow-up		Total
	Follow-up	No follow	
Individually	5,632 16.45	2,274 6.64	7,906 23.09
Groups	28,603 83.55	9,778 28.46	38,381 100.00
Total	34,235 100.00	12,052 35.20	46,287 100.00

Pearson $\chi^2(1) = 36.7751$ Pr = 0.000

User payment	6-month follow-up		Total
	Follow-up	No follow	
No user payment	30,664 89.57	11,107 32.23	41,771 100.00
Yes user payment	3,545 10.35	924 2.70	4,469 13.10
.	26 0.08	21 0.06	47 0.14
Total	34,235 100.00	12,052 35.20	46,287 100.00

Pearson $\chi^2(2) = 81.8218$ Pr = 0.000

Target audience	6-month follow-up		Total
	Follow-up	No follow	
Patients	3,548 10.36	1,172 3.40	4,720 13.76
Working place	8,101 23.66	2,732 7.99	10,833 31.65
Ordinary citizens	18,425 53.82	6,530 19.07	24,955 72.89
Mixed	2,048 5.98	635 1.85	2,683 7.83
Pregnant	995 2.91	251 0.73	1,246 3.64
Other	1,111 3.25	723 2.11	1,834 5.36
.	7 0.02	9 0.03	16 0.05
Total	34,235 100.00	12,052 35.20	46,287 100.00

Pearson $\chi^2(6) = 216.0385$ Pr = 0.000

Planned relapse prevention	6-month follow-up		Total
	Follow-up	No follow	
No	10,312 30.15	5,002 14.69	15,314 44.84
Yes	9,951 29.07	3,837 11.03	13,788 39.13
Total	20,263 60.22	8,839 25.72	29,102 85.94

Pearson $\chi^2(1) = 80.1838$ Pr = 0.000

Non-respondent analyses: smokers not wanting to be contacted or who were intentionally not followed up versus those who were.

The analyses are run as a two-way table with measures of association (chi2).

Time of data collection	6-month follow-up		Total
	Followed	Not follo	
2001	1,576 3.38	1,024 2.86	2,600 3.16
2002-2003	7,239 15.54	4,436 12.39	11,675 14.17
2004-2005	8,682 18.63	9,445 26.39	18,127 22.00
2006-2007	8,163 17.52	6,935 19.37	15,098 18.33
2008-2009	8,722 18.72	5,207 14.55	13,929 16.91
2010-2011	6,579 14.12	4,503 12.58	11,082 13.45
2012-2013	5,630 12.08	4,246 11.86	9,876 11.99
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(6) = 994.6432 Pr = 0.000

Age at the beginning of the course	6-month follow-up		Total
	Followed	Not follo	
15-24 years	2,387 5.12	2,097 5.86	4,484 5.44
25-34 years	5,945 12.76	4,429 12.37	10,374 12.59
35-44 years	9,600 20.60	7,414 20.71	17,014 20.65
45-54 years	12,386 26.58	9,653 26.97	22,039 26.75
55+ years	16,147 34.66	12,026 33.60	28,173 34.20
.	126 0.27	177 0.49	303 0.37
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(5) = 58.0022 Pr = 0.000

Method/Type of intervention	6-month follow-up		Total
	Followed	Not follo	
GSP	40,927 87.84	30,444 85.05	71,371 86.63
Brief Intervention	140 0.30	100 0.28	240 0.29
Speed courses	188 0.40	206 0.58	394 0.48
Come and Quit	1,592 3.42	1,108 3.10	2,700 3.28
Other	3,744 8.04	3,938 11.00	7,682 9.32
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(4) = 228.3708 Pr = 0.000

Education	6-month follow-up		Total
	Followed	Not follo	
Low education	23,828 51.14	19,213 53.67	43,041 52.24
High education	21,029 45.14	15,006 41.92	36,035 43.74
.	1,734 3.72	1,577 4.41	3,311 4.02
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 96.1876 Pr = 0.000

Job situation	6-month follow-up		Total
	Followed	Not follo	
Not unemployed	37,084 79.59	28,516 79.66	65,600 79.62
Unemployed	8,328 17.87	6,247 17.45	14,575 17.69
.	1,179 2.53	1,033 2.89	2,212 2.68
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 11.5754 Pr = 0.003

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Participant

Sex	6-month follow-up		Total
	Followed	Not follo	
Male	18,098 38.84	14,054 39.26	32,152 39.03
Female	28,484 61.14	21,736 60.72	50,220 60.96
.	9 0.02	6 0.02	15 0.02
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 1.5447 Pr = 0.462

Being disadvantaged	6-month follow-up		Total
	Followed	Not follo	
Not disadvantaged	17,496 37.55	12,596 35.19	30,092 36.53
Disadvantaged	27,380 58.77	21,697 60.61	49,077 59.57
.	1,715 3.68	1,503 4.20	3,218 3.91
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 56.4533 Pr = 0.000

No. of pack years	6-month follow-up		Total
	Followed	Not follo	
<20 pack-years	15,761 33.83	11,945 33.37	27,706 33.63
≥20 pack-years	30,061 64.52	23,059 64.42	53,120 64.48
.	769 1.65	792 2.21	1,561 1.89
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 35.0457 Pr = 0.000

Fagerström score	6-month follow-up		Total
	Followed	Not follo	
0-6 points	33,462 71.82	25,547 71.37	59,009 71.62
7-10 points	12,840 27.56	9,909 27.68	22,749 27.61
.	289 0.62	340 0.95	629 0.76
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 29.4824 Pr = 0.000

Cigarettes per day	6-month follow-up		Total
	Followed	Not follo	
<20 cigarettes per da	19,768 42.43	14,980 41.85	34,748 42.18
≥20 cigarettes per da	26,297 56.44	20,319 56.76	46,616 56.58
.	526 1.13	497 1.39	1,023 1.24
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 12.9606 Pr = 0.002

Heavy smoker	6-month follow-up		Total
	Followed	Not follo	
Not heavy smoker	11,377 24.42	8,629 24.11	20,006 24.28
Heavy smoker	34,947 75.01	26,847 75.00	61,794 75.00
.	267 0.57	320 0.89	587 0.71
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 30.0704 Pr = 0.000

Compliant with the programme	6-month follow-up		Total
	Followed	Not follo	
No	16,378 35.15	11,486 32.09	27,864 33.82
Yes	29,502 63.32	22,809 63.72	52,311 63.49
.	711 1.53	1,501 4.19	2,212 2.68
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 593.0973 Pr = 0.000

Living with a smoker	6-month follow-up		Total
	Followed	Not follo	
No	29,630 63.60	22,186 61.98	51,816 62.89
Yes	16,440 35.29	13,025 36.39	29,465 35.76
.	521 1.12	585 1.63	1,106 1.34
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 55.4289 Pr = 0.000

Living with others	6-month follow-up		Total
	Followed	Not follo	
Living alone	10,206 35.07	6,881 33.09	17,087 34.25
Living with children	8,864 30.46	6,554 31.52	15,418 30.90
Living with adults (n	9,720 33.40	7,020 33.76	16,740 33.55
.	312 1.07	339 1.63	651 1.30
Total	29,102 100.00	20,794 100.00	49,896 100.00

Pearson chi2(3) = 47.7068 Pr = 0.000

Housing situation	6-month follow-up		Total
	Followed	Not follo	
Owner	13,274 45.61	10,235 49.22	23,509 47.12
Partly owned	2,501 8.59	1,452 6.98	3,953 7.92
Rental	12,426 42.70	8,298 39.91	20,724 41.53
Other	348 1.20	253 1.22	601 1.20
.	553 1.90	556 2.67	1,109 2.22
Total	29,102 100.00	20,794 100.00	49,896 100.00

Pearson chi2(4) = 128.7344 Pr = 0.000

Recommended to quit by	6-month follow-up		Total
	Followed	Not follo	
No	18,813 40.38	14,449 40.36	33,262 40.37
Yes, by health care p	21,967 47.15	16,548 46.23	38,515 46.75
Yes, by others (not H	4,472 9.60	3,770 10.53	8,242 10.00
.	1,339 2.87	1,029 2.87	2,368 2.87
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(3) = 21.2984 Pr = 0.000

Earlier quit attempts	6-month follow-up		Total
	Followed	Not follo	
None	14,114 30.29	10,603 29.62	24,717 30.00
1-3 attempts	23,539 50.52	17,963 50.18	41,502 50.37
> 3 attempts	6,346 13.62	4,781 13.36	11,127 13.51
Yes unknown attempts	1,587 3.41	1,536 4.29	3,123 3.79
.	1,005 2.16	913 2.55	1,918 2.33
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(4) = 59.8356 Pr = 0.000

Smoking cessation clinic

Place of the intervention	6-month follow-up		Total
	Followed	Not follo	
Capital Region	15,729 33.76	9,102 25.43	24,831 30.14
Central Denmark	10,868 23.33	8,183 22.86	19,051 23.12
North Denmark	2,220 4.76	2,306 6.44	4,526 5.49
Region Zealand	6,375 13.68	7,900 22.07	14,275 17.33
South Denmark	11,399 24.47	8,305 23.20	19,704 23.92
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(4) = 1.4e+03 Pr = 0.000

Setting	6-month follow-up		Total
	Followed	Not follo	
Citizen aimed	34,781 74.65	26,031 72.72	60,812 73.81
Hospital/Midwife	9,784 21.00	7,675 21.44	17,459 21.19
Other	2,026 4.35	2,090 5.84	4,116 5.00
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(2) = 102.0653 Pr = 0.000

Smoking cessation intervention

Format of the intervention	6-month follow-up		Total
	Followed	Not follo	
Individually	7,936 17.03	7,171 20.03	15,107 18.34
Groups	38,655 82.97	28,625 79.97	67,280 81.66
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(1) = 121.6374 Pr = 0.000

Target audience	6-month follow-up		Total
	Followed	Not follo	
Patients	4,743 10.18	3,960 11.06	8,703 10.56
Working place	10,963 23.53	7,841 21.90	18,804 22.82
Ordinary citizens	25,069 53.81	18,742 52.36	43,811 53.18
Mixed	2,697 5.79	2,434 6.80	5,131 6.23
Pregnant	1,255 2.69	1,103 3.08	2,358 2.86
Other	1,848 3.97	1,702 4.75	3,550 4.31
.	16 0.03	14 0.04	30 0.04
Total	46,591 100.00	35,796 100.00	82,387 100.00

Pearson chi2(6) = 119.5273 Pr = 0.000