Appendix Table 1. Question-Specific Knowledge Scores[a]

	Before [n (%)]			After [n (%)]			
	True	False	Total score[b]	True	False	Total score	***p*-value**
Question 1. Factors that increase chances of developing lung cancer include:			3.77 (0.95)			4.67 (1.05)	< 0.001
Smoking	59 (100%)	0		60 (100%)	0		-
Family history	**45 (76%)**	14 (24%)		**55 (92%)**	5 (8%)		0.006
Flu	22 (37%)	**38 (63%)**		18 (30%)	**42 (70%)**		0.42
Chronic obstructive pulmonary disease (COPD)	**40 (67%)**	20 (33%)		**51 (85%)**	9 (15%)		0.007
Age	**29 (48%)**	31 (52%)		**45 (75%)**	15 (25%)		< 0.001
Alcohol	45 (75%)	**15 (25%)**		32 (54%)	**27 (46%)**		0.004
Question 2. Possible benefits of lung cancer screening are:			1.95 (0.77)			2.7 (0.56)	< 0.001
It can cure cancer.	13 (22%)	**47 (78%)**		8 (13%)	**52 (87%)**		0.18
It lowers your chances of dying from lung cancer.	**48 (80%)**	12 (20%)		**57 (95%)**	3 (5%)		0.01
It lowers your chances of developing lung nodules.	38 (63%)	**22 (37%)**		7 (12%)	**53 (88%)**		< 0.001
Question 3. Possible harms of lung cancer screening include:			1.2 (0.99)			2.23 (1)	< 0.001
You may find some things in your lungs that are not cancer but would need an extra test to check.	**43 (72%)**	17 (28%)		**51 (85%)**	9 (15%)		0.08
You may need to get an extra test which can cause complications.	**17 (28%)**	43 (72%)		**44 (73%)**	16 (27%)		< 0.001
There are no harms associated with screening.	48 (80%)	**12 (20%)**		21 (35%)	**39 (65%)**		< 0.001
Question 4.[c] Indicate whether the following individuals would be eligible for screening based on their age. Select yes for eligible, no for ineligible, or unsure. They all meet the smoking status and pack-year criteria.			0.52 (0.21)			0.75 (0.25)	< 0.001
	Eligible	*Ineligible*		*Eligible*	*Ineligible*		
45 years old	57 (95%)	**3 (5%)**		25 (42%)	**35 (58%)**		< 0.001
55 years old	**50 (83%)**	10 (17%)		**54 (90%)**	6 (10%)		0.39
60 years old	**52 (87%)**	8 (13%)		**54 (90%)**	6 (10%)		0.73
95 years old	40 (67%)	**20 (33%)**		23 (38%)	**37 (62%)**		< 0.001

	Before [n (%)]			After [n (%)]			
	True	False	Total score[b]	True	False	Total score	***p*-value**
Question 5. What percentage of lumps found on your lungs by the CT screening is NOT going to be cancer?							
More than 90%	**5 (8%)**			**35 (58%)**			< 0.001
50-60%	7 (12%)			7 (12%)			
10-20%	8 (13%)			7 (12%)			
Less than 5%	3 (5%)			4 (7%)			
Don't know/Not sure	37 (62%)			7 (12%)			

[a] Figures corresponding to the correct responses per question are bolded. Each correct response is assigned a score of 1. Incorrect responses also include those who responded "Unsure".
[b] The mean total score is reported with the corresponding standard deviation in parentheses.
[c] Question 4 was weighted to have a total score of 1.

Appendix Table 2. Comparing Two Measures of Concordance[a]

Questions	Eligible for screening[b]		Not eligible for screening (n=49)	
	Before	After	Before	After
	N (%)		N (%)	
1) Which option do you prefer right now in terms of lung cancer screening?				
I prefer to screen	7 (70%)	9 (90%)	31 (63.27%)	20 (40.82%)
I prefer not to screen	0	1 (10%)	7 (14.29%)	26 (53.06%)
Unsure	3 (30%)	0	11 (22.45%)	3 (6.12%)
2) If getting CT screening was free for you, would you get screened? (Yes)	11 (100%)	11 (100%)	46 (93.88%)	34 (69.39%)
Concordance using 1)[c]	7 (70%)	9 (90%)	7 (14.29%)	**26 (53.06%)**
Concordance using 2)	11 (100%)	11 (100%)	3 (6.12%)	**15 (30.61%)**

[a] Boldface indicates statistical significance ($p<0.001$) for outcome of interest, concordance.
[b] n=10 for those eligible for lung cancer screening in question 1), whereas n=11 for question 2).
[c] Figures for "Concordance using 1)" are quoted in text. "Concordance using 2)" is provided as an alternative for comparison.