

openMetaAnalysis: PICO Table

Studies of interventions

Study Country, year started, clinical sites, number of subjects	Age Mean (SD); median (IQ range); range (%)	Male (%)	Pack years Mean (SD); median (IQ range); range (%)	Current smokers (%)	LDCT screening and comparator (N)	Follow up (years) Mean (SD); median (IQ range); N (%)
Lung Screening Study (LSS) ^{24,48,49} US, 2000 6 sites N = 3,318	55-59 (37.4) 60-64 (31.1) 65-69 (21.0) 70-74 (11.6)	58.6	<40 (17.8) 40-55 (33.5) 55-75 (22.9) 75+ (24.8)	57.5	LDCT, 2 annual rounds (N = 1,660) Control, CXR, 2 annual rounds (N = 1,658)	5.2 (IQ range NR)
DANTE ^{25,31,50} Italy, 2001 3 sites N = 2,532	64.6 (SD NR)	100.0	47.3 (SD NR)	56.9	LDCT, baseline radiograph and sputum cytology, 5 annual rounds of LDCT (N = 1,300) Control, baseline radiograph and sputum cytology, 5 annual clinical review (N = 1,232)	8.35 (IQ range NR)
National Lung Screening Trial (NLST) ^{4,51,52} US, 2002 33 sites N = 53,452	61.4 (SD NR)	59.0	48 (SD NR)	48.2	LDCT, 3 annual rounds (N = 26,722) Control, CXR, 2 annual rounds (N = 26,730)	6.5 (IQ range NR)
Nederlands Leuvens Longkanker Screeningsonderzo ek (NELSON) ^{5,53-55} Belgium/Netherlan	58 (IQ range 8)	83.6	38 (IQ range 19.8)	55.5	LDCT, 4 rounds: baseline, 1 year, 3 years, 5.5 years (N = 7,900)	10 (minimum)

ds, 2003 4 sites N = 15,792					Control, no screening (N = 7,892) Baseline, year 1, year 3, year 5.5	
Danish Lung Cancer Screening Trial (DLCST) ^{26,56,57} Denmark, 2004 1 site N = 4,104	57.9 (SD NR)	55.2	36.2 (SD NR)	76.1	LDCT, 5 annual rounds (N = 2,052) Control, 5 annual health interviews (N = 2,052)	9.5 (SD NR)
Italian Lung study (ITALUNG) ^{28,58,59} Italy, 2004 3 sites N = 3,206	60.8 (SD NR)	64.7	Screening 40 (IQ range NR) Control 38 (IQ range NR)	64.5	LDCT, 4 annual rounds (N = 1,613) Control, usual care (N = 1,593)	9.3 (IQ range, 8.8-9.9)
Multicentric Italian Lung Detection (MILD) ^{27,60} Italy, 2005 1 site N = 3,446	57 (IQ range NR)	64.5	38 (IQ range NR)	89.2	LDCT, 3 or 5 rounds (N = 1,723; 864 annual, 859 biennial) Usual care (N = 1,723)	9 (93.5) 10 (71.0)
German Lung Cancer Screening Intervention Trial (LUSI) ^{29,61,62} Germany, 2007 1 region N = 4,052	55 (IQ range NR)	64.7	NR	61.9	LCDT, 5 annual rounds (N = 2,029) Control, 5 annual surveys (N = 2,023)	8.89 (IQ range NR)
AME Thoracic Surgery Collaborative Group ³⁰ China, 2013 1 site N = 6,679	59.8 (SD 5.8)	46.8	≥ 30 (8.2%) ≥ 20-30 (6.8%) < 20 (12.9%)	21.5	LDCT, 2 biennial rounds (N = 3,512) Control, standard care (N = 3,145)	2 (SD, IQ range NR)

Abbreviations: LDCT = low-dose computed tomography; NR = not reported