**openMetaAnalysis: PICO Table**

**Studies of interventions**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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) |
| DANTE25,31,50  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 Screeningsonderzoek (NELSON)5,53-55 Belgium/Netherlands, 2003 4 sites N = 15,792 | 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)  Control, no screening (N = 7,892)  Baseline, year 1, year 3, year 5.5 | 10 (minimum) | |
| 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 Group30  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