

Resource Summary Report

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[NIH NCI Cancer Data Access System Prostate, Lung, Colorectal and Ovarian \(PLCO\) Cancer Screening Trial Portal](#)

RRID:SCR_028226

Type: Tool

Proper Citation

NIH NCI Cancer Data Access System Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial Portal (RRID:SCR_028226)

Resource Information

URL: <https://cdas.cancer.gov/plco/>

Proper Citation: NIH NCI Cancer Data Access System Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial Portal (RRID:SCR_028226)

Description: National Cancer Institute (NCI)-sponsored randomized, controlled study (1993-2001) of ~155,000 adults aged 55-74 to evaluate whether organized, regular screenings could reduce cancer deaths compared to usual care. Portal provides randomized, controlled trial data used to determine whether certain screening exams reduce mortality from prostate, lung, colorectal and ovarian cancer.

Synonyms: Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial, Prostate

Resource Type: data or information resource, disease-related portal, portal, topical portal

Keywords: randomized, controlled trial, screening exams, reduce mortality, prostate, lung, colorectal, ovarian, cancer

Related Condition: Cancer

Availability: Restricted

Resource Name: NIH NCI Cancer Data Access System Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial Portal

Resource ID: SCR_028226

Record Creation Time: 20260402T060015+0000

Record Last Update: 20260912T200546+0000

Ratings and Alerts

No rating or validation information has been found for NIH NCI Cancer Data Access System Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial Portal.

No alerts have been found for NIH NCI Cancer Data Access System Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial Portal.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#).

Zeng Z, et al. (2026) Association of fat quality index with head and neck cancer risk: results from a prospective study. *Frontiers in nutrition*, 13, 1737854.

Guan K, et al. (2025) Ten-Year Trends in Digital Rectal Exam Results and Prostate Cancer Detection: Insights from the PLCO Trial. *Research and reports in urology*, 17, 309.

Shi Y, et al. (2025) The association between energy-adjusted dietary inflammatory index (E-DII) and lung cancer in 101,755 participants aged 55 years and above: a large prospective cohort. *BMC public health*, 25(1), 2373.

Liu X, et al. (2023) Risk-stratified multi-round PSA screening for prostate cancer integrating the screening reference level and subgroup-specific progression indicators. *European journal of medical research*, 28(1), 257.

Shao C, et al. (2022) Body mass index and glioma risk: A prospective multicenter study. *Frontiers in endocrinology*, 13, 933921.

He S, et al. (2022) Weight Change and Incident Distal Colorectal Adenoma Risk in the PLCO Cancer Screening Trial. *JNCI cancer spectrum*, 6(1).

Sun Y, et al. (2022) Variability of body mass index and risks of prostate, lung, colon, and ovarian cancers. *Frontiers in public health*, 10, 937877.

Liang Y, et al. (2021) Association Between Hormone Replacement Therapy and Development of Endometrial Cancer: Results From a Prospective US Cohort Study. *Frontiers in medicine*, 8, 802959.