

Table S1 List of articles used after the selection process was completed

Article ID	Author	Year	Title	Journal
1	Ali <i>et al.</i>	2015	Barriers to uptake among high-risk individuals declining participation in lung cancer screening: a mixed methods analysis of the UK Lung Cancer Screening (UKLS) trial	<i>BMJ Open</i>
2	Barbone <i>et al.</i>	2018	Impact of low-dose computed tomography screening on lung cancer mortality among asbestos-exposed workers	<i>International Journal of Epidemiology</i>
3	Bui <i>et al.</i>	2018	Beliefs and Intentions to Undergo Lung Cancer Screening among Korean Males	<i>Cancer Research and Treatment</i>
4	Byrne <i>et al.</i>	2019	Lung cancer screening in a community setting: Characteristics, motivations, and attitudes of individuals being screened	<i>Health Psychology Open</i>
5	Carter-Harris <i>et al.</i>	2016	Lung Cancer Screening Participation: Developing a Conceptual Model to Guide Research	<i>Research and Theory for Nursing Practice</i>
6	Cataldo	2016	High-risk older smokers' perceptions, attitudes, and beliefs about lung cancer screening	<i>Cancer Medicine</i>
7	Chalian <i>et al.</i>	2018	Demographic, Social, and Behavioral Determinants of Lung Cancer Perceived Risk and Worries in a National Sample of American Adults; Does Lung Cancer Risk Matter?	<i>Medicina-Lithuania</i>
8	Chapple <i>et al.</i>	2004	Stigma, shame, and blame experienced by patients with lung cancer: qualitative study	<i>British Medical Journal</i>
9	Cheung <i>et al.</i>	2018	Preventing Lung-Cancer Mortality by CT Screening: The Effect of Risk-based versus USPSTF Eligibility Criteria, 2005-2015	<i>Annals of Internal Medicine</i>
10	Couraud <i>et al.</i>	2018	Current and Former Smokers: Who Wants To Be Screened?	<i>Clinical Lung Cancer</i>
11	Draucker <i>et al.</i>	2019	Understanding the decision to screen for lung cancer or not: A qualitative analysis	<i>Health Expectations</i>
12	Eberth <i>et al.</i>	2020	Leveraging the Mammography Setting to Raise Awareness and Facilitate Referral to Lung Cancer Screening: A Qualitative Analysis	<i>Journal of the American College of Radiology</i>
13	Ersek <i>et al.</i>	2016	Knowledge of, attitudes toward, and use of low-dose computed tomography for lung cancer screening among family physicians	<i>Cancer</i>
14	Evans <i>et al.</i>	2016	Implementing low-dose computed tomography screening for lung cancer in Canada: implications of alternative at-risk populations, screening frequency, and duration	<i>Current oncology</i>
15	Field <i>et al.</i>	2016	CT screening for lung cancer: Is the evidence strong enough?	<i>Lung Cancer</i>
16	Field <i>et al.</i>	2016	The UK Lung Cancer Screening Trial: a pilot randomised controlled trial of low-dose computed tomography screening for the early detection of lung cancer	<i>Health Technology Assessment</i>
17	Greene <i>et al.</i>	2019	Challenges to Educating Smokers About Lung Cancer Screening: a Qualitative Study of Decision Making Experiences in Primary Care	<i>Journal of Cancer Education</i>
18	Han <i>et al.</i>	2019	Effects of Personalized Risk Information on Patients Referred for Lung Cancer Screening With Low-Dose CT	<i>Medical Decision Making</i>
19	Hudson <i>et al.</i>	2018	Evaluation of Promotional Materials To Promote Low-Dose Computed Tomography (LDCT) Screening to High-Risk Consumers and Health Care Providers	<i>Journal of Cancer Education</i>
20	Jessup <i>et al.</i>	2018	Implementation of Digital Awareness Strategies to Engage Patients and Providers in a Lung Cancer Screening Program: Retrospective Study	<i>Journal of Medical Internet Research</i>
21	Kanodra <i>et al.</i>	2016	Primary Care Provider and Patient Perspectives on Lung Cancer Screening A Qualitative Study	<i>Annals of the American thoracic society</i>
22	Kok <i>et al.</i>	2020	Determining the perception of a lung cancer screening programme among high-risk patients in a tertiary referral centre, Kuala Lumpur	<i>Proceedings of Singapore healthcare</i>
23	Li <i>et al.</i>	2018	New recommendation and coverage of low-dose computed tomography for lung cancer screening: uptake has increased but is still low	<i>BMC Health Services Research</i>
24	Lillie <i>et al.</i>	2017	What factors do patients consider most important in making lung cancer screening decisions? Findings from a demonstration project conducted in the Veterans Health Administration	<i>Lung cancer</i>
25	Lopez <i>et al.</i>	2019	Assessing Eligibility for Lung Cancer Screening Among Women Undergoing Screening Mammography: Cross-Sectional Survey Results From the National Health Interview Survey	<i>Journal of the American College of Radiology</i>
26	Moizis <i>et al.</i>	2015	Characterization of Individuals Taking Part in Low Dose Computed Tomography (LDCT) Screening Program	<i>Pathology and Oncology Research</i>
27	Norman <i>et al.</i>	2020	Public Attitudes on Lung Cancer Screening and Radiation Risk: A Best-Worst Experiment	<i>Value in Health</i>
28	O'Brien <i>et al.</i>	2017	Piloting electronic screening forms in primary care: findings from a mixed methods study to identify patients eligible for low dose CT lung cancer screening	<i>BMC Family Practice</i>
29	Percac-Lima <i>et al.</i>	2018	Patient navigation for lung cancer screening among current smokers in community health centers a randomized controlled trial	<i>Cancer Medicine</i>
30	Pedersen <i>et al.</i>	2016	Smoking cessation and lung cancer screening	<i>Annals of Translational Medicine</i>
31	Prout <i>et al.</i>	2018	Patient understanding and acceptability of an early lung cancer diagnosis trial: a qualitative study	<i>Trials</i>
32	Quaife <i>et al.</i>	2016	The Lung Screen Uptake Trial (LSUT): protocol for a randomised controlled demonstration lung cancer screening pilot testing a targeted invitation strategy for high risk and 'hard-to-reach' patients	<i>BMC Cancer</i>
33	Quaife <i>et al.</i>	2017	Attitudes towards lung cancer screening in socioeconomically deprived and heavy smoking communities: informing screening communication	<i>Health Expectations</i>
34	Quaife <i>et al.</i>	2018	Smokers' interest in a lung cancer screening programme: a national survey in England	<i>BMC Cancer</i>
35	Quaife <i>et al.</i>	2020	Lung Screen Uptake Trial (LSUT): Randomized Controlled Clinical Trial Testing Targeted Invitation Materials	<i>American Journal of Respiratory and Critical Care Medicine</i>
36	Rai <i>et al.</i>	2019	Evaluating Lung Cancer Screening Uptake, Outcomes, and Costs in the United States: Challenges With Existing Data and Recommendations for Improvement	<i>Journal of the National Cancer Institute</i>
37	Roth <i>et al.</i>	2018	A qualitative study exploring patient motivations for screening for lung cancer	<i>PLoS One</i>
38	Ruparel <i>et al.</i>	2019	Impact of a Lung Cancer Screening Information Film on Informed Decision-making: A Randomized Trial	<i>Annals of the American Thoracic Society</i>
39	Schütte <i>et al.</i>	2018	Participation in lung cancer screening programs: are there gender and social differences? A systematic review	<i>Public Health Reviews</i>
40	Sin <i>et al.</i>	2016	Sociocultural Barriers to Lung Cancer Screening Among Korean Immigrant Men	<i>Journal of Community Health</i>
41	Smits <i>et al.</i>	2018	Attitudes towards lung cancer screening in a population sample	<i>Health Expectations</i>
42	Tonge <i>et al.</i>	2019	"To know or not to know...?" Push and pull in ever smokers lung screening uptake decision-making intentions	<i>Health Expectations</i>
43	Wang <i>et al.</i>	2019	Barriers to Lung Cancer Screening Engagement from the Patient and Provider Perspective	<i>Radiology</i>