

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Lung Cancer Screening**

Literature Search Performed on: 10/08/2021

Beginning Date: January 2017

End Date: September 2021

Database: Ovid MEDLINE(R) ALL <1946 to October 07, 2021>

**Search Strategy**

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- 1 Lung Neoplasms/ (233284)
- 2 exp Diagnostic Imaging/ or diagnosis/ (2785234)
- 3 1 and 2 (42509)
- 4 Mass Screening/ or screening/ or Mass Chest X-Ray/ or "Early Detection of Cancer"/ (134868)
- 5 3 and 4 (2717)
- 6 limit 5 to (abstracts and english language and humans and yr="2017 -Current ") (619)
- 7 limit 6 to "all child (0 to 18 years)" (3)
- 8 6 not 7 (616)
- 9 limit 8 to case reports (3)
- 10 8 not 9 (613)
- 11 (Lung Neoplasms/ and "Early Detection of Cancer"/) or (Lung Neoplasms/ and Mass screening/) (4458)
- 12 limit 11 to (guideline or practice guideline) (47)
- 13 10 or 12 or (annual lung cancer screening or Lung Cancer Early Detection).tw. (744)
- 14 Practice Guidelines as Topic/ and Lung Neoplasms/ and mass screening/ (98)
- 15 13 or 14 (825)
- 16 limit 15 to (english language and humans and yr="2017 -Current") (649)

**Summary**

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| Source                | #Unique Refs | #Retained Refs |
|-----------------------|--------------|----------------|
| Old bibliography      | 42           | 2              |
| Literature Search(es) | 649          | 39             |
| Author Added          | 6            | 4              |
| Supporting Docs       | 2            | 1              |
| Total                 |              | 46             |

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.

3 of the author added references were outside the search date range.