

# INPLASY

## Risk Factors for Postoperative Cough After Lung Resection: A Systematic Review and Meta-Analysis

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Li, ZY; Li, RY; Zhang, Z.

### Corresponding author:

Zhenyi Li

zhenyili0709@163.com

### Author Affiliation:

Shandong University.

### ADMINISTRATIVE INFORMATION

**Support -** No.

**Review Stage at time of this submission -** Preliminary searches.

**Conflicts of interest -** None declared.

**INPLASY registration number:** INPLASY2024100081

**Amendments -** This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 18 October 2024 and was last updated on 18 October 2024.

### INTRODUCTION

**Review question / Objective** Analysis of risk factors for cough after pulmonary resection.

**Condition being studied** Post-pneumonectomy cough is a common complication after thoracic surgery, and no meta-analysis has been performed to summarize post-pneumonectomy risk factors.

### METHODS

**Participant or population** Research worker.

**Intervention** Pulmonary resection.

**Comparator** Pulmonary resection.

**Study designs to be included** RCT.

**Eligibility criteria** Presence of post-pneumonectomy cough.

**Information sources** Pubmed;Embase;Cochran.

**Main outcome(s)** Surgical factors; non-surgical factors.

**Quality assessment / Risk of bias analysis** Cochran Tools.

**Strategy of data synthesis** Revman was used for data analysis. Heterogeneity was considered to exist when I square > 50% and P < 0.05.

**Subgroup analysis** None.

**Sensitivity analysis** Sensitivity analyses were performed using stata software to reflect the sensitivity of the article by the change in effect size after removing one of the studies.

**Country(ies) involved** China.

**Keywords** cough; pneumonectomy; lung cancer.

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### Contributions of each author

Author 1 - Zhenyi Li.

Email: zhenyili0709@163.com

Author 2 - Rongyang Li.

Author 3 - Zhan Zhang.