

# INPLASY PROTOCOL

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**Support:** None.

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

**Conflicts of interest:**  
None declared.

## Preoperative localization for lung nodules: a meta-analysis of bronchoscopic versus computed tomography guidance

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**Review question / Objective:** To compare the effectiveness and safety between computed tomography guided and bronchoscopic localization for lung nodules.

**Condition being studied:** At present, both computed tomography guided and bronchoscopic localization have been used before VATS wedge resection for lung nodules. Each localization technique has its advantages and disadvantages. Thus, we should conduct a meta-analysis to compare the effectiveness and safety between these 2 techniques.

**Eligibility criteria:** Studies eligible for inclusion met the following criteria:(a) Types of studies: comparative studies;(b) Diseases: patients with LNs;(c) Types of interventions: CT-guided versus bronchoscopic localization for LNs;(d) Languages: not limited.

**INPLASY registration number:** This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 15 June 2022 and was last updated on 15 June 2022 (registration number INPLASY202260068).

### INTRODUCTION

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Author 2 - Yu-Fei Fu.  
Author 3 - Ya-Nan Lv.

## **METHODS**

**Search strategy:** (((computed tomography OR (CT)) AND ((bronchoscope) OR (bronchoscopy))) AND (localization)) AND ((lung nodule) OR (pulmonary nodule)).

**Participant or population:** Patients with lung nodules.

**Intervention:** CT-guided localization.

**Comparator:** Bronchoscopic localization.

**Study designs to be included:** Comparative studies.

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**Information sources:** PubMed, Embase, Cochrane Library, and Wanfang databases.

**Main outcome(s):** Successful localization rate.

**Quality assessment / Risk of bias analysis:** We used Cochrane risk-of-bias tool and Newcastle-Ottawa scale in quality assessment.

**Strategy of data synthesis:** All endpoints data will be pooled using RevMan v5.3 software.

**Subgroup analysis:** Yes.

**Sensitivity analysis:** Yes.

**Country(ies) involved:** China.

**Keywords:** Computed tomography; Bronchoscopic; Localization; Lung nodule.

**Contributions of each author:**

Author 1 - Jiang Du.