

**Table S1** Summary of the search strategy used to identify articles which were referenced

Items	Specification
Date of search	June 1st, 2022
Databases and other sources searched	PubMed
Search terms used	Robotic bronchoscopy [MeSH] Robotic assisted bronchoscopy [MeSH] Navigational bronchoscopy [MeSH] Electromagnetic navigation [MeSH] Fluoroscopy [MeSH] Radial endobronchial ultrasound [MeSH] Transbronchial lung biopsy [MeSH] Peripheral pulmonary lesion [MeSH] Lung nodule [MeSH] Lung cancer [MeSH]
Timeframe	June 1st, 2002 to June 1st, 2022
Inclusion and exclusion criteria	Focus was placed on original papers and reviews in English about the use of robotic assisted bronchoscopy for peripheral pulmonary lesion sampling. It excluded articles that have no information about this topic of papers which we considered with low reliability
Selection process	It was conducted independently by E Ho and S Murgu; data selection is the intersection of the search of the two authors identified by reviewing reference lists of relevant publications
Any additional considerations, if applicable	Some papers were identified by reviewing reference lists of relevant publications