

Table S1 The comprehensive search strategy of PubMed

Search steps	Medical subject headings and entry terms
1	Lung Neoplasms [Title/Abstract]
2	Pulmonary Neoplasms[Title/Abstract] OR Neoplasms, Lung[Title/Abstract] OR Lung Neoplasm[Title/Abstract] OR Neoplasm, Lung[Title/Abstract] OR Neoplasms, Pulmonary[Title/Abstract] OR Neoplasm, Pulmonary[Title/Abstract] OR Pulmonary Neoplasm[Title/Abstract] OR Lung Cancer[Title/Abstract] OR Cancer, Lung[Title/Abstract] OR Cancers, Lung[Title/Abstract] OR Lung Cancers[Title/Abstract] OR Pulmonary Cancer[Title/Abstract] OR Cancer, Pulmonary[Title/Abstract] OR Cancers, Pulmonary[Title/Abstract] OR Pulmonary Cancers[Title/Abstract] OR Cancer of the Lung[Title/Abstract] OR Cancer of Lung[Title/Abstract]
3	Segmentectomy [Title/Abstract] OR sublobar resection [Title/Abstract] OR sublobectomy [Title/Abstract] OR segmental*[Title/Abstract]
4	Lobectomy [Title/Abstract]
5	(((RCT [Title/Abstract] OR (randomized [Title/Abstract]))) OR (prospective [Title/Abstract])) OR (propensity [Title/Abstract]) OR (prospectively [Title/Abstract])
6	(1 or 2) and 3 and 4 and 5