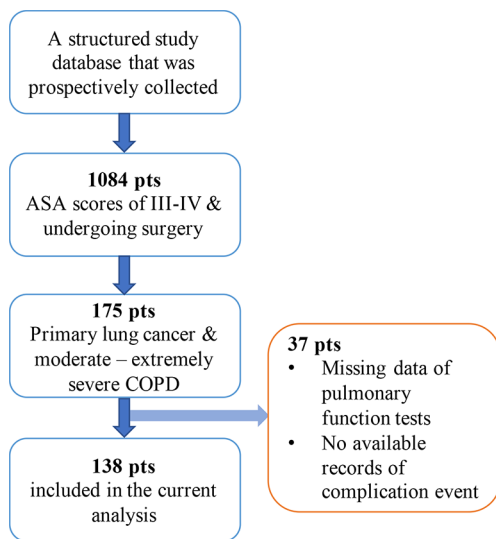


**Table S1** Influence of the severity of COPD on the surgery

Characteristics	Moderate COPD	Severe to extremely severe COPD	P value
Surgical time (min)	155.15±13.69	145.62±7.585	0.681
Anesthesia time (min)	232.79±17.02	231.89±9.094	0.733
Intraoperative bleeding (ml)	40.00±5.734	131.09±29.29	0.017
Length of stay (d)	7.86±0.425	8.68±1.11	0.703
Duration of drainage (d)	4.18±0.635	4.47±0.356	0.555
Volume of drainage (ml)	936.56±132.91	1,072.54±107.05	0.569

COPD, chronic obstructed pulmonary diseases.



**Figure S1** The flow diagram of patients' selection.