

Table 1. ICD codes

ICD 9	ICD 10
512.81 Primary Spontaneous Pneumothorax	J93.11 Primary Spontaneous Pneumothorax
512.89 Other Acute Pneumothorax	J93.9 Pneumothorax, unspecified

Table 2. Patient Characteristics and Outcomes

Age (yrs)	BMI	Sex	Laterality	Initial Treatment	CT Obtained	Bleb Disease	Surgical Intervention	Recurrence
16	18.4	M	L	thoracostomy tube	Y	Y (BL apical)	N	Y ^c
14	17.7	M	L	thoracostomy tube	Y	N	N	N
17	unknown	M	R	thoracostomy tube	Y	Y (BL apical)	Y ^a	N
17	18.6	M	BL	100% oxygen	Y	Y (BL apical)	Y ^b	Y ^d
14	18.8	F	R	100% oxygen	Y	N	N	N
16	17.1	F	L	thoracostomy tube	Y	Y (BL apical)	N	N
16	unknown	M	L	thoracostomy tube	Y	Y (BL apical)	N	Y ^e
14	20	M	R	observation	N	n/a	N	N
17	18.2	F	L	observation	N	n/a	N	N
15	17	M	R	100% oxygen	N	n/a	N	N

- Bilateral VATS blebectomy and pleurodesis
- Left VATS blebectomy and pleurodesis
- Left VATS blebectomy and pleurodesis
- Right VATS blebectomy and pleurodesis
- Left VATS blebectomy and pleurodesis