

Tab. 1. Patient characteristics

No.	Sex	Age	Indication	Diagnosis	Co-morbidity	Procedure	No. of procedure	ECMO duration (days)	Postoperative complications	30-day mortality yes = 1	Hospital LOS
1	W	60	elective	Left lower lobe melanoma metastases	Post right pneumonectomy	Wedge resection, thoracotomy	1	1	no	0	7
2	W	66	elective	NSCLC left upper lobe	Tracheal malatia	Lobectomy, VATS	1	1	no	0	10
3	M	71	elective	MPLC right upper lobe	After left lower lobectomy	Lobectomy, right, open thoracotomy	1	1	no	0	10
4	M	78	elective	Emphysema bullosum, left sided pneumothorax	Impossible one-lung ventilation	LVRS (bullectomy), open thoracotomy	1	1	no	0	7
5	W	51	elective	MPLC left lobe	After right lower lobectomy	Lobectomy, open thoracotomy	1	1	no	0	5
6	M	78	elective	Intrathoracic goiter	Tracheal compression	Hemithyroidectomy, sternotomy	1	1	no	0	8
7	M	72	elective	MPLC right upper lobe	After left lower lobectomy	Wedge resection, open thoracotomy	1	1	no	0	5
8	M	75	acute	Broncho pleural fistulation	Post right pneumonectomy	Bronchial suture, omentoplasty, open thoracotomy	2	2	Musculus psoas hematoma	1	19
9	W	26	acute	Empyema gr. II	ARDS	Surgical treatment, VATS	3	18	Hemothorax	1	18
10	M	54	acute	Empyema gr. II	ARDS	Surgical treatment, open thoracotomy	1	1	no	0	38
11	M	49	acute	Expansive bulla	CHOPN, severe pulmonary hypertension	Wedge resection, open thoracotomy	1	1	no	0	63
12	W	60	acute	Pneumothorax, pneumomediastinum, tracheal injury	ARDS	Tracheal suture, Open thoracotomy	1	14	no	1	14
13	M	64	acute	Pneumothorax after failed drainage	ARDS	Wedge resection, open thoracotomy	1	3	Hemoperitoneum (patient after recent hemicolectomy)	0	21
14	M	60	acute	Pulmonary abscess, pneumothorax, empyema,	ARDS	Wedge resection, open thoracotomy	3	14	Infection at the cannulation site	0	100
15	M	33	acute	Lung necrosis right upper and left lower lobe	ARDS	2x Lobectomy, open thoracotomy	3	16	Hemothorax	0	90+ still counting

ARDS – acute respiratory distress syndrome; COPD – chronic obstructive pulmonary disease; LOS – length of stay; LVRS – lung volume reduction surgery; MPLC – multiple lung cancer; NSCLC – non small cell lung cancer; VATS – video assisted thoracoscopic surgery; VV ECMO – veno-venous extracorporeal membrane oxygenation.