

Table S 1: Detailed information about included patients

	Underlying disease	A R D S	Reason for ARDS	Trigger pulmonary = 0 systemic = 1	VV - E C M O	VA - E C M O	S M O K E R	Ventilation Tube = 0 Tracheal- Cannula =1	Macroscopic Mucous = 1 Sanguinous = 2 Serosus(clear) = 3	Detected Pathogens	D I A G N O S I S
1	liver abscess	1		1	0	0	1	0	1		0
2	liver abscess	1		1	0	0	1	0	1		0
3	Pneumococcus-Pneumonia	1	Infection	0	1	0	1	0	2	Streptococcus Pneumonia	1
4	Pneumococcus-Pneumonia	1	Infection	0	1	0	1	0	2	Streptococcus Pneumonia	1
5	Aortic valve stenosis:Transcatheter aortic-valve implantation (TAVI)	0			0	0	0		3		0
6	Bleeding of the upper nasopharynx in a patient with known Osler's disease (blood aspiration)	1	Aspiration	1	0	0	0	0	2		0
7	pneumococcal pneumonia	1	Infection	1	1	0	1	0	2	pneumococci	1
8	Septic shock due to oral abscess	1	Infection	0	0	0	1	0	1	Neisseria macacae, Staph. aureus, greening streptococci	
9	Locally infiltrating the thyroid cartilage and lymphogenous metastasizing	0			0	0	1	1	2		

10	Aortic valve stenosis:Transcatheter aortic-valve implantation (TAVI)	0			0	0	1	0	3	0
11	Septic shock with right neck phlegmon	1	Systemic inflammation due to sepsis	0	0	0	0	1		1
12	Acute necrotizing anal fissure and perianal abscess	1	Systemic inflammation due to sepsis/pneumonia	1	0	0	0	0	2	E. coli, Pseudomonas aeruginosa, Morganella Morganii 0
13	Septic shock in secondary peritonitis after anastomotic insufficiency of a small bowel anastomosis	0			0	0	0	0	1	0
14	Respiratory Insufficiency in Pneumonia	1	infection	1	0	0		0	2	Klebsiella, Staphylococcus epidermidis 0
15	aortic valve stenosis: AKE	0			0	0	1	0	3	0
16	Post-dissection aneurysm: Sonographically guided puncture of the right common femoral artery	0			0	0	0	0	3	0
17	Lung metastasis lower lobe right: re-thoracotomy right	0			0	0	0	0	3	0
18	Laparotomy for enterocutaneous fistula in high-output incisional hernia in Zn sigmoid carcinoma	0			0	0	0	0	3	0

19	MI in endocarditis: partial resection, annuloplasty Physioring	0	0	0	0	0	2	0
20	Heart pacemaker implantation	0	0	0	0	0	3	0
21	Aortic valve regurgitation: AKE	0	0	1	0	0	3	0
22	Torsade de Point tachycardia / Zn VVI-ICD b. Zn ventricular fibrillation: DDD implantation	0	0	0	0	0	3	0