

Table S1: Factors leading to ECMO Implantation.

Category	
Respiratory problem / lung failure	❖ ARDS
	❖ Pneumonia (viral/bacterial/aspiration)
	❖ Pulmonary hypertension
Cardiac failure	❖ Underlying cardiac diagnosis
	❖ Intractable arrhythmia
	❖ Myocarditis
Sepsis	❖ Hospital-acquired infections (postoperative infection, catheter-associated infection)
	❖ Out of hospital-acquired infections
Postcardiotomy ECMO	❖ Failure to wean from CPB
	❖ Stunned myocardium
	❖ Low cardiac output syndrome
	❖ Cardiac arrest refractory to CPR
eCPR	

ARDS - acute respiratory distress syndrome; CPB - cardiopulmonary bypass; ECMO - extracorporeal membrane oxygenation; eCPR - extracorporeal cardiopulmonary resuscitation.

Table S2: Other Diagnosis

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- ❖ Asplenia
  - ❖ Cardiac tumor
  - ❖ Congenital hypothyroidism
  - ❖ Cornelia-de-Lange-syndrome
  - ❖ Cystic fibrosis
  - ❖ DiGeorgie syndrome
  - ❖ Hypogammaglobulinemia
  - ❖ Kartagener syndrome
  - ❖ Macrocephaly
  - ❖ Situs inversus abdominalis
  - ❖ Trisomy 21
  - ❖ Uhl's disease
  - ❖ Ulrich-Turner syndrome
  - ❖ VACTERL association