

**Supplemental Table 2: Grading of Recommendations, Assessment, Development, and Evaluation (GRADE) assessment of Predictors of Survival.**

GRADE Score for Predictors of Mortality							
Outcomes	Studies	Risk of Bias	Inconsistency	Indirectness	Imprecision	Publication Bias	Overall GRADE
Age	23	Very serious	Serious	Not serious	Serious	Not serious	Very low
Gender-Male	18	Very serious	Not serious	Not serious	Not serious	Not serious	Very low
Race-Asian	5	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Race-Black	5	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Race-Hispanic	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Race-White	5	Very serious	Not serious	Not serious	Not serious	Not serious	Very low
Weight	18	Very serious	Serious	Not serious	Serious	Not serious	Very low
CPR Duration	16	Very serious	Not serious	Not serious	Serious	Not serious	Very low
ECMO Duration	20	Very serious	Not serious	Not serious	Serious	Not serious	Very low
ECMO flow at 24h	3	Very serious	Not serious	Not serious	Serious	Not serious	Very low
ECMO flow at 4h	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Site-Femoral	2	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Site-Neck	6	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Site-Thorax	6	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Creatinine	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
HCO <sub>3</sub>	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low

Lactate	10	Very serious	Not serious	Not serious	Serious	Not serious	Very low
PaCO2	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
PaO2	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
pH	14	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Single Ventricle Physiology	12	Very serious	Serious	Not serious	Serious	Not serious	Very low
Primary Myocardial Disease	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Pulmonary Hypertension	3	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Renal Failure	3	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Sepsis	3	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Neurological Complications	2	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Pulmonary hemorrhage	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Renal Failure	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Sepsis	4	Very serious	Not serious	Not serious	Serious	Not serious	Very low
Survival to Hospital Discharge	30	Very Serious	Serious	Not serious	Not Serious	Not Serious	Very low
<p>Inconsistency across studies was graded as serious when heterogeneity was significant (<math>p &lt; 0.05</math> or <math>I^2 &gt; 50\%</math>). Imprecision was graded as serious when either the lower or the upper bound of the CIs was less or more – respectively – than 20% of the point estimate</p>							