

VA-ECMO for Hypothermia Cheat Sheet

Cannulas

19F 23cm Arterial 23F 55cm Venous

No Fluoroscopy needed

- Criteria for Death Pronouncement:**
- Rewarmed to a core temperature greater than 32°C without a return of spontaneous circulation
 - Serum K+ > 10 mmol/L
 - Arterial pH < 6.5
 - Core temperature < 13°C
 - Visualized intravascular thrombosis
 - Obvious non-survivable trauma

ECMO Settings

Flow

Start at 1.5 L/min

Increase rapidly to 4 – 5 L/min

Sweep

Match Sweep

Adjust per ABG

Heat-moisture exchanger - 38°C

Arrhythmia

Defibrillate after 32°C

Consider cardiac stabilizing medications

Weaning

Drop flow 0.25 – 0.5 L/min

Do NOT turn the Sweep down/off

Wean to 1.5 L/min

Clamp cannulas

You will NOT be able to return the circuit blood

Decannulate and repair vessels

Beware of Core Afterdrop

