**VA-ECMO for Hypothermia Cheat Sheet**

### Cannulas
- 19F 23cm Arterial
- 23F 55cm Venous
- No Fluoroscopy needed

### Arrhythmia
- Defibrillate after 32°C
- Consider cardiac stabilizing medications

### 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**

### Weaning
- Wean to 1.5 L/min
- Clamp cannulas
- Drop flow 0.25 – 0.5 L/min
- Do NOT turn the Sweep down/off

### Wean to 1.5 L/min

### Clamp cannulas

### Decannulate and repair vessels

### 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

### Decannulate and repair vessels

### Beware of Core Afterdrop

### You will NOT be able to return the circuit blood