

# VA Cannulation Checklist - PERFUSIONIST

## EQUIPMENT

- Tubing Clamps
- ECMO cart
- Full O2 tank (in transporting)
- Cannulation Cart
- Backup console available
- Heater/cooler available

## PRE-INITIATION CHECKLIST

- Console connected to power
- Console battery charged
- Circuit primed/de-aired
- Gas lines connected to source
- Gas blender functioning
- Gas line attached to oxygenator
- Appropriate size cannulas selected
- Connections secure and banded
- FIO2 set to 100
- Prime lines removed
- Flow probe direction confirmed
- Minimum RPM set to 1800
- Lines clamped prior to separation
- Verify cannula placement and tubing connections
- Verify cannula connections are air free

## INITIATION CHECKLIST

- Verify anticoagulation bolus has been given
- Remove tubing clamp from venous line
- Remove tubing clamp from arterial line and confirm forward flow
- Turn sweep gas on at 1:1 with blood flow
- Increase RPM and move toward maintenance flow quickly
- Verify arterial line is red and venous line is dark
- Maintain pressures with flow, decreasing pressures as needed for higher flows

## IMMEDIATE POST INITIATION CHECKLIST

- Continue to reduce pressures and increase flow to achieve support goals
- Set high/low flow alarms after determining maintenance is stable
- Check cannulation sites
- Recheck connections
- Connect heater/cooler or alternative heat source
- Check blood gas and anticoagulation