

ThruPort systems Nurse checklist

Operating room set up and supplies

1. Operating room set up:

- Hemodynamic monitor (transducer):
 - Right arm radial or brachial arterial pressure (IntraClude intra-aortic occlusion device)
 - Left arm radial or brachial arterial pressure (IntraClude device)
 - Aortic root pressure (IntraClude device)
 - Pulmonary arterial pressure (EndoVent pulmonary catheter)
 - Coronary sinus pressure (ProPlege peripheral retrograde cardioplegia device)
 - Monitor labeled with respective pressures

- Transesophageal echo machine

- Fluoroscopy/C-arm and monitor

- Ideal placement of all equipment and monitors to ensure optimal visualization for clinical team members

- Flexible bronchoscope
 - Verification of lung isolation for single lung ventilation

- External defibrillator (R-2 defibrillator pads):
 - Posterior and left lateral (prior to placement of ProPlege device and EndoVent catheter)
 - Pediatric defibrillator available

- Separate instrument table for ProPlege device and EndoVent catheter preparation

2. ThruPort systems supplies:

- ThruPort systems disposable products (aortic valve procedures):
 - ProPlege device
 - EndoVent catheter
 - Arterial cannula (size as needed, select for direct aortic or femoral cannulation)
 - QuickDraw femoral venous cannula (size as needed)
 - Soft tissue retractor (size as needed for right anterior thoracotomy)

- ThruPort systems disposable products (mitral valve procedures):
 - ProPlege device
 - EndoVent catheter
 - EndoReturn arterial cannula (size as needed)
 - QuickDraw cannula (size as needed)
 - IntraClude device
 - Soft tissue retractor (size as needed for thoracotomy)
 - Knot pusher

- Other supplies as per hospital/procedural protocol

Product and patient preparation

1. Catheter and cannulae preparation:

- Cannulae size determined by patient body surface area and vessel size
- Prepare catheters and cannulae per IFUs

2. Patient preparation:

- Prepare and position patient per hospital/procedural protocol
 - Drape patient, leaving both groins accessible for femoral cannulation
 - For right thoracotomy procedures, bolster under right scapula (30 degrees) following completion of ProPlege device and EndoVent catheter placement

Cardiopulmonary bypass

1. Pre cardiopulmonary bypass:

- Perfusion circuit set up:
 - ProPlege device and EndoVent catheter perfusion lines to head of bed (from heart-lung machine or from sterile field)
 - Perfusion circuit modifications for QuickDraw cannula (short piece of 3/8" tubing, 3/8" X 1/2" perfusion connector)
 - EndoReturn cannula and QuickDraw cannula perfusion lines to heart-lung machine from lower body
 - IntraClude device antegrade cardioplegia line to heart-lung machine
 - IntraClude device aortic root vent line to heart-lung machine
 - Flush and de-air IntraClude device cardioplegia/aortic vent line/cardioplegia "Y"
 - Flush through the cardioplegia/aortic root vent lumen of the IntraClude device
 - IntraClude device blue balloon pressure line to heart-lung machine (flush and zero)
 - IntraClude device red aortic root pressure line to anesthesia (flush and zero)

2. Post cardiopulmonary bypass:

- ProPlege device and EndoVent catheter removed once protamine administration is complete

ThruPort systems product codes:

EndoReturn cannula: ER21B, ER23B

EndoVent catheter: EV

IntraClude device: ICF100

Introducer sheath: IS19A

ProPlege device: PR9

QuickDraw cannula: QD22, QD25

CAUTION: Federal (United States) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.

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