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/caridioplegia “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.