

## Swan Ganz Set-up and Performing Room temperature Cardiac Outputs Quicklist

### Equipment:

- 500ml bag of D5W
- Injectate setup for cardiac outputs (Found in Bay 1 clean utility room on cart, bottom shelf)
- CO module and CO cable (Bay 3 equipment room)
- Swan ganz catheter, bridge to connect to swan ganz catheter (found in line cart, in drawer)
- Primed pressure tubing(prime with premixed NS and Heparin 1000u/500ml bag) to connect to bridge and swan ganz catheter
- Line cart –bring to bedside

### Procedure:

- Perform hand hygiene and put on non-sterile gloves
- Insert P4 module into Datex© monitor and connect CO cable to CO on this module (see Figure 1 and 2)
- Ensure pressure tubing primed with premixed NS and Heparin 1000u/500ml bag, then pressurize with Tyco, hook into transducer, connect one end of the grey Datex ©cable to P4 on module and the other end to pressure tubing that is sitting in transducer
- Connect bridge to primed pressure tubing, then prime bridge
- Remove vented cap on bridge and place primed luer lock microclave on bridge port
- Connect yellow port(PA distal) lumen of swan ganz to bridge once sheath applied, ensure tip of swan ganz catheter remains sterile for insertion by MD
- Press “ Wedge, CO,ScVO2” button on monitor
- Select “CO”
- Prime swan ganz with MD then verify all ports are tested and balloon inflates and deflates, Instruct MD to wiggle swan ganz and ensure artifact tracing appears on Datex© monitor, (ensuring you can view waveform during insertion)
- Once swan ganz placed, secured and xray verification confirmed by MD, zero transducer and perform cardiac outputs (Figure 5)
- Hook injectate syringe from cardiac output setup into bridge, insert temperature probe into side of syringe
- Select “Start cardiac output”
- Inject Now will appear on Datex©, inject 10 mls from syringe at a continuous, steady motion
- Ensure temperature is between 18-25 degrees
- Perform a minimum of 3 measurements and obtain the average
- Remove non-sterile gloves and perform hand hygiene
- Input all data into Critbase

Figure 1



Figure 2

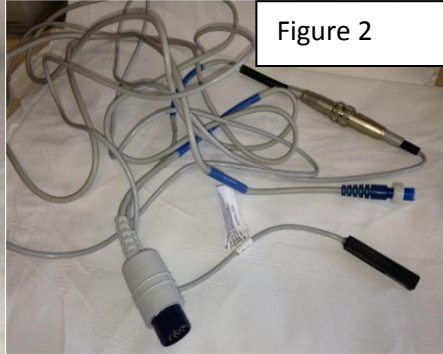


Figure 3



Figure 4



Figure 5

