

Goal Directed Fluid Therapy Resources

Surgical Services

Preop

1. ClearSight/FloTrac monitoring will begin in the Prep & Holding area. Enter patient data: FIN, height, weight, gender in Edwards monitor.
2. Monitor will be applied and **baseline Stroke Volume and Cardiac Index** will be measured & documented in the Hemodynamic monitoring form in Powerchart. Fluid bolus (250 ml) will be administered over 5-10 minutes preferably before the epidural catheter is placed.
3. Measure SV & CI after bolus and record. If 10% or > increase is noted, a second 250 ml fluid bolus will be administered with repeat SV & CI measurements.
4. Determine the patient's **Optimal SV** and record in Powerchart. Enter optimal SV and trigger SV in the Edwards monitor.

Postop PACU

1. Attach ClearSight/FloTrac to Edwards monitor in PACU. Continue to monitor SV & CI every 20 minutes in PACU. Record measurements on Hemodynamic monitoring form in Powerchart.
2. Using baseline SV & CI and reviewing patient's clinical picture, contact anesthesia NP or anesthesiologist to determine if fluid bolus is warranted.
3. Prior to patient leaving PACU, download data by:
 - a. Clicking on purple icon
 - b. Select Data Download
 - c. Change interval time to 5 minutes
 - d. Click on Data Download
 - e. Once data is downloaded, remove USB drive, place in plastic bag, and label with patient label

Postop TCU/ICU

1. Upon transfer to TCU/ICU, connect ClearSight/FloTrac to Edwards monitor and record SV/CI every hour on Hemodynamic Monitoring form.
2. Call surgical resident/attending for changes in SV/CI and patient status.
3. Continue to monitor SV/CI every hour for 48 hours postop.
4. Prior to patient leaving PACU, download data by completing steps listed in Postop PACU 3a-3e.

See Hemodynamic Monitoring powerpoint for additional information on Goal Direct Fluid Therapy.