



Weight 3.6 kg (8 lb), height 58 cm (23 in), body surface area (BSA) 0.22 m². Postoperative bowel resection.

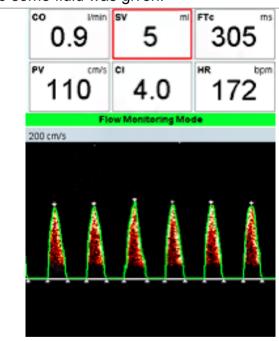
1. The baby had fluid management in the operating theatre guided by the ODM+ and was now in intensive care for postoperative monitoring. Flow Time a small respiratory swing on the waveform. Heart Rate (HR) may be acceptable.

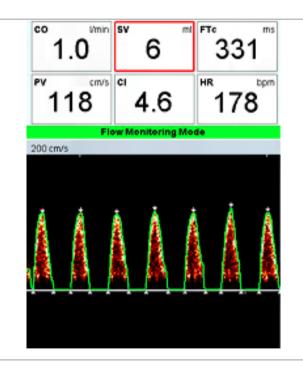
corrected (FTc) is reduced and there is

2. FTc, Stroke Volume (SV), Peak Velocity (PV), Cardiac Output/Index (CO/I) are increasing. The baby feels warmer to touch. This may indicate a reduction in afterload due to warming after surgery. However, since the respiratory swing continued, there may now be a slight relative hypovolaemia. so some fluid was given.

3. Following the fluid, FTc, SV, PV, CO/I are increasing. HR may be increasing for several reasons; e,g,. further relative hypovolaemia as the baby continues to warm or pain/distress.







Summary

The ODM+ can be used safely to assess cardiac function and its responses to interventions. The ODM+ is precise enough to see small changes in central vascular flow. Flow is very responsive to even small changes in circulating blood volume as well as changes in arterial compliance.