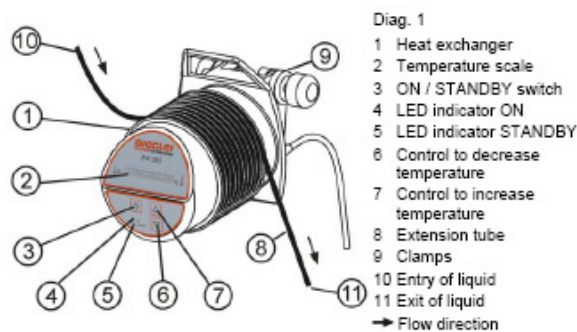


## SUMMARY OF INSTRUCTIONS: BIEGLER 585 BLOOD WARMER FOR EXCHANGE TRANSFUSION

- **This summary does not replace the need to refer to the Biegler operating manual**
- For exchange transfusion, you will need:
  - Biegler 585 blood warmer on infusion stand (positioned at height of mattress, ideally)
  - Vygon exchange transfusion tray (kept in treatment room)
  - Biegler 3.5m extension set (kept in treatment room) – takes 30ml to prime
  - Blood unit (you need 30ml more than volume needed for exchange to prime lines)
  - Blood filter set
  - Red bung (for spare port on 3 way tap of blood filter)
  - Exchange transfusion record to document procedure
- The Biegler blood warmer heating element can be set between 37-41°C but will default to 38.5°C
- To adjust temperature, press standby button and increase/decrease temperature, as required
- Once desired temperature is set, press standby/on button to ensure blood warmer achieves desired temperature
- Give Biegler extension set to doctor who is sterile to ensure sterility of connection at patient. Ultimately, the doctor will connect this extension set to one of the 4 ports on the 4 way tap (the others go to the waste bag, the infant's line and the syringe). **Do not** connect this 4 way tap to the infant yet, until the line is primed with blood. The luer lock syringe connects to the white port of the 4 way tap. The 4 way tap is only required if you are performing an exchange transfusion via one line (in and out). If you are using two lines, then you will need to add 3 way taps instead
- Ask doctor to hand back the non-sterile end of the Biegler extension set (end nearest to white roller clamp) so that you can use aseptic non-touch technique to connect this to the checked blood unit and blood filter (Remember one of the ports on the blood filter 3 way tap will need a bung as it will not be used)
- Measure 40-80cm of Biegler extension set tubing from the 3 or 4 way tap/syringe and start to wrap the tubing around the blood warmer coil, beginning at the back of the blood warmer and moving to the front in an anti-clockwise direction, ensuring flow is in the direction of the diagram



- Ensure all lines are primed with blood and connect to patient, ready for exchange transfusion