Set Up Guide
Thermogard XP® DELTA

COOLING SET UP

- Turn on TGXP via the power switch (rear of unit)
- Head unit will illuminate & run self tests. Allow to complete
- Rotate the selection wheel on head unit to select **PRE COOL**
- Now select **NEW PATIENT / YES** or **NO** if downloading previous data
- If new patient, confirm **DELETE** re previous patient data

°C TEMP PROTOCOL SELECTION

- Enter the target temperature in line with the patients condition
- Select **MAX POWER** treatment
- System will **SELF TEST**
- While tests complete, install Start Up Kit (see below)

INSTALL START UP KIT

- Place coil into coolant well
- Secure lid (tube exits at 3 o'clock) & place Air Trap in chamber
- Open roller pump lid
- Position handle at 11 o'clock
- Rotate pump with handle anti-clockwise to locate tubing in pump & then 'click' the disk section into the front right
- Replace pump handle & close lid (so it snaps shut)
- Fully spike a 500cc saline bag, hang on rear of the unit
- Remove & **INVERT AIR TRAP**, so saline flows in at base of the chamber
- Press & hold black **PRIMING SWITCH** to right of the chamber
- Continue until tubing & Air Trap are fully primed & the indicator wheel starts to rotate (approx 2mins)
- Replace Air Trap

ICY CATHETER INSERTION

- **Ensure catheter protective sheath is kept in place while orange inflow and outflow ports are primed with the 'fill syringe' provided**
- Flush medial, proximal, then distal with saline. Leave distal luer uncapped for guide wire passage
- Insert Zoll catheter using Seldinger Technique
- Connect catheter to matching orange ports on the Start Up Kit

TEMP PROBE INSERTION & CONNECTION

- Place temperature Foley probe (bladder) into patient
- Attach the other end of the temperature probe to the front **T1 SOCKET** of the TGXP unit using cable provided

START SYSTEM COOLING

- The main interface control screen is now shown, (image left)
- **Press RUN** - you'll see a yellow warning screen highlighting that only one temperature probe is in use
- If you are happy with one core temperature (normal UK practice) select yes, but remember to ensure you take a secondary temperature (i.e. tympanic) as a check/confirmation

FOR PATIENT REWARMING PROCEDURE PLEASE SEE THE OPPOSITE SIDE OF THIS GUIDE ▶▶▶▶▶▶▶
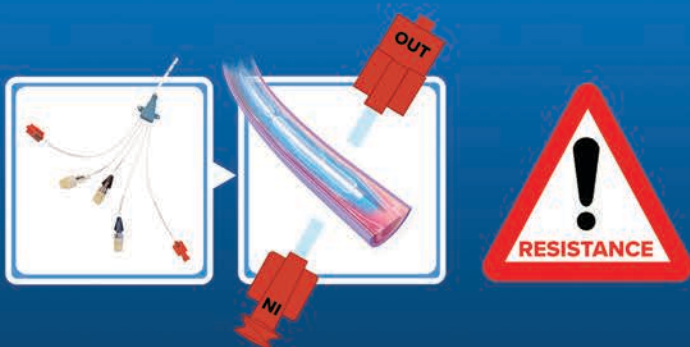
REWARMING SETUP

- Press **STANDBY button**, select **RATE DEG/HR button**
- From options shown select **CONTROLLED RATE** mode via the selection wheel
- Rotate the selection wheel to the desired rate°hour required to rewarm the patient
- Press **TARGET TEMPERATURE button** & select the desired temperature
- Press the **RUN button**
- The system will automatically toggle into max power mode once target temperature is reached to prevent any temperature overshoot

SYSTEM END, DOWNLOAD & POWER OFF

- At the end of treatment press **STANDBY button** & press the selection wheel to bring up the menu display
- From the menu display the rotate wheel to select **END PROCEDURE** & press the selection wheel to action
- You will be given the option to download or delete patient
- Finally, turn off power via the switch at rear of the unit

CATHETER REMOVAL

- Disconnect Start-Up Kit from catheter, leave open orange luer catheter connectors
- Place patient in supine position. Remove dressing, remove sutures from suture site
- Attach a 20cc slip syringe into IN orange connector. Draw & hold a vacuum for 15 seconds to allow all saline to be removed from the catheter balloon section prior to starting to remove the catheter.
- WARNING: Ensure orange connectors are left open to drain any residual saline
- **Upon removal of the catheter, if any resistance is felt STOP & RE-ASSESS**