

# Contacts

## Royal Children's Hospital

**Monday - Friday 0800 – 1630**

**PD CNC:** 9345 5721/0481 010 628

**Switchboard:** 9345 5522 ask for Nephrologist on-call

**Nephrology:** 9345 5054

**Koala Ward:** 9345 5702

**For after hours (evenings and weekends) medical advice please call RCH switchboard and ask for the nephrologist on-call.**

## Baxter

**Stock Ordering:**

**Technical Services:**

**Call this number for any MACHINE problems 24 hours a day. Please leave a message if there is no answer and a technician will return your call.**

# When you get home

## Equipment delivery:

The PD coordinator or a Fresenius representative will do a home visit to check equipment delivery and assist with set up. They will check that you have everything you need to commence PD and attend to exit site care.

## Set up equipment for ease of use:

- Set the machine trolley to the same level as the child's bed
- Remove the machine from the case and place on trolley
- Clean the machine with chlorhex and paper towel













## Supplies & Equipment:

- Ensure that supplies (fluids, dressings etc) are set up in a convenient, clean, dry place.
- Ensure that you can easily read the barcodes of the equipment for ease when stocktaking.

**Please do not hesitate to call if you have any questions when you get home.**

## Entering your Patient Activation Code

Entering the Patient Activation Code is only required during the first time you use a machine at home. Your Patient Activation Code is: \_\_\_\_\_

- Ensure that the modem is attached and turned on.
- Turn machine on at the back.
- Wait for machine to read **Enter Activation Code 000-0000-000** – this may take a few minutes
- Press 
- The 0 will flash.
- Press  to enter the first digit.
- Press  to move on to the next digit.
- Repeat until all digits are entered.
- After the 10<sup>th</sup> digit is entered press 
- Press 
- Machine will read **Connecting to Network** – This may take several minutes
- Machine will read **Confirm Configurations**
- Press 
- Machine will read **Are you “Your name”**
- If your name is correct, press  (If your name is incorrect, press  and call RCH Neph
- Machine will read **Share: Clinic & Baxter**
- Press 
- Machine will read **New program received/Review new program**
- Press  until all therapy settings have been displayed
- Machine will read **Is program correct?**
- Press 
- Machine will display cycles and dwell time
- Machine will read **Program accepted by cycler**
- Press 
- Turn Machine off at the back

# Troubleshooting

## What to do if your machine breaks down

- Close the twist clamp on the Tenckhoff at the patient end and call technical support
- If device fault and treatment unable to continue:
- Cease all treatment
- Disconnect child from the machine
- Manual drain if in dwell at the time of fault
- Call nephrologist on call to notify of issue
- PD CNC will follow-up in AM
- Turn off machine

**SWAP OUT:** If a device fault occurs you may require a new machine. This can be organised by calling Baxter customer care the next day. In the unlikely event a new machine cannot be delivered the next day call the PD CNC 9345 5721 or Koala ward 9345 5702 (after hours) and a machine can be loaned from the ward if available.

**Please also contact the PD CNC if you are having ongoing faults or irregular alarms on your machine. This may mean that the device is faulty and should be swapped out before a device fault occurs.**








### FAULTS

#### 24 Hour Technical Support

1800 229 837

Option 4 then option 2 then option 1 for technical support






## Bypassing the Drain Phase

- When machine alarms **Low Drain Volume**
- Press 
- Press  once to check the drain volume
- If your drain volume is satisfactory, you may carry out the bypass procedure. Make sure you are certain it is safe to do so. **Check with your PD CNC to find out what is a safe amount for your drain.**
- Press  until you find “Bypass”
- Press 
- The machine may alarm **Drain not finished.**
- If it does alarm, press 
- Press  until you find “Bypass”
- Press 
- The machine will move into the next fill phase






**There is a risk of overfill by bypassing the drain phase only bypass once during your therapy**

## Manual Drain Option

You can drain anytime if you feel you need to. You may drain as little or as much as you like




- Press 
- Press  until you see **Manual Drain**
- Press 
- Machine will read **Draining** and a running total of the amount you have drained out
- Press  when you have drained the amount you want
- Machine will read **Please Wait**
- Press  to go back to your treatment

## Ending Therapy Early

- Turn off the machine at the back
- Wait 10 seconds
- Turn the machine on again
- Machine will alarm **Power Restored**
- Press 
- Press  until the machine reads **End the Therapy**
- Press 
- Machine will read **Close All Clamps**
- Close your twist clamp
- Close all clamps
- Press 
- Machine will read **Close all clamps/Disconnect Yourself**
- **Apply hand rub**
- Open Flexicap
- **Apply hand rub**
- Disconnect yourself from the machine
- Apply new Flexicap
- Open door
- Remove cassette
- Close door.
- Press 
- Machine will read **Turn me Off**
- Turn the machine off at the back.

## Common Alarms

### Low Drain Volume Alarm

- This means you have drained less fluid that the machine has been programmed to expect in the initial drain stage or during any drains stage on therapy.
- To start this is a self correcting alarm 3 bleeps then 6 bleeps
- To resolve:
- Change your position.
- Check for kinks in your patient line
- You may need to lower your machine by 6 inches (15cm)
- If the problem does not resolve a continuous alarm will sound you must:
- Press  to mute the alarm
- Correct the problem as suggested above
- Press  to return to therapy.
- If you keep getting this alarm, check your drain volume by pressing 
- Disconnect by using the Ending Therapy Early Procedure.
- If the alarm occurs inform your nurse or doctor the next morning.





## Check Lines and Bags Alarm



This means that one or more lines is blocked due to :

- Closed clamps
- Unbroken seals
- Empty bags




### Troubleshooting

- This is a Continuous alarm.
- To correct this alarm:
- Press  to mute the alarm
- Check all the lines and bags for:
  - Kinks in tubing or at bag connections
  - Closed clamps and unbroken seals
  - Empty solution bags
  - Fibrin blockage
  - Drain Lines and Drain bags have been spiked correctly.
- Correct the problem you found
- Press  to return to therapy.

## HomeChoice™ System Error 2240 Alarm

- The Machine will alarm **System Error: 2240**
- This means air has been detected in the disposable tubing and cassette.
- This is caused by :
  - Leaks – air has got into the system
  - Disconnected disposable tubing
  - Loose connections –bags and lines
  - Fluid Level not being at or near the patient connector after priming – connecting yourself before priming is completed.
  - Unclamped unused supply lines
- Press  to mute the alarm
- Turn the machine off
- To remove cassette – Switch machine back on.
- Machine will read **Press Go to Start**
- Press 
- Machine will read **Load the Set**
- Close all the clamps
- Open the door and remove the set.
- Switch the machine off.
- Dispose of all used lines and bags.
- Restart set up.

## HomeChoice™ System Error Alarm

- Machine will alarm **System Error: nnnn**
- This will mean a problem has occurred inside the HomeChoice™ machine
- Press  to mute the alarm
- Write down the system error number and the therapy phase that appears in the display
- Turn the machine off
- Wait 10 seconds
- Turn the machine back on
- Press  to mute the alarm
- Press 

If the system error has cleared, therapy will continue.

If system error has not cleared, contact:

# Peritonitis/Troubleshooting

## PERITONEAL DIALYSIS IN CASE OF AN EMERGENCY

### If you suspect peritonitis:

- Collect a sample see [“How to collect a PD sample”](#)
- Call PD CNC 9345 5721 or 0481010628 (8am – 4.30pm Mon-Fri)
- If after hours or weekend call Switch 9345 5522 and ask for the nephrologist on call.

### Questions you may be asked:

- Is the fluid cloudy
- Does your child have a fever
- Does your child have abdominal pain, nausea or vomiting
- Is the catheter and betadine cap intact

### Action:

- You will be asked to bring your child to RCH for review or admission.
- **If your child is significantly unwell call 000 Ambulance.**

**Please do not hesitate to call.**

**Peritonitis is a serious condition and should be acted on ASAP!!!!**

# Peritonitis/Troubleshooting

## What do I do if my/my child's bag drain bag is cloudy?

### If it happens DURING THE DAY between 8am-5pm

If you notice the fluid in the drain bag is cloudy please call the PD CNC as soon as possible on:

1. 9345 5721 or
2. 0481010628 or
3. 9345 5054 (nephrology office)

### After 5 pm weekdays and on weekends and public holidays

Call the hospital on 9345 5522 (switch) and ask to speak to the nephrologist on call. They will ask about specific symptoms and direct you as to what to do next.

### Likely plan:

- Present to RCH Emergency
- A PD Specimen will be taken
- Prophylactic antibiotics administered
- Await results for more specific treatment

# Collecting a PD sample

**Equipment:**

- Trolley
- Effluent sample bag
- 2 x Flexicap

**Procedure****Draining the Peritoneum**

- Clean work surface
- Complete 3 minute procedural hand wash
- Open and place drain bag on work surface ensure lines are facing up
- Gel hands
- Remove flexicap from the catheter
- Connect catheter to the sample bag
- Place the drain bag on the floor
- Open the clamp on the sample bag and twist open the catheter valve to commence drain
- Drain until you have adequate sample amount in bag (min 30ml)
- When adequate drain volume achieved twist close the Tenckhoff
- Gel hands
- Open 2 x new flexicap
- Gel hands
- Disconnect the patient using a non-touch technique placing the new flexicap on the Tenckhoff
- Cap off the drainage bag with the second flexicap to close the circuit
- Bring bag to hospital with you

# Exit Site Care

## Tenckhoff Exit Site:

- The Tenckhoff exit site must be kept dry and clean at all times  
A moist exit site creates granulomas and increases the risk of infection
- The exit site must be changed immediately after every bath, shower or swimming
- The dressing should be changed every 2-5days depending on age  
More frequent changes may be necessary when infection is present
- If the exit looks moist, oozy or red notify the PD co-ordinator or nephrologist on-call immediately
- Mupirocin (bactroban) cream or medi-honey wound gel may be required
- In cases where a granuloma is present kenacomb may be required to burn the granuloma

## Bath Dressing:

- Before the bath, coil the catheter over the existing dressing and cover with tegaderm to minimize water entry
- Bath as normal
- After the bath remove the tegaderm along with the existing dressing
- Clean with normal saline, dry and redress with supplied dressing

## Shower Dressing:

- Secure Tenckhoff around waist with elastic or tape
- Remove dressing (before shower or under running water if preferred)
- Shower as normal with antibacterial soap
- Step out of shower and immediately dry exit site with sterile gauze
- Apply supplied dressing and secure Tenckhoff as desired



### **Palmolive Antibacterial Soft Wash**

Sold as a hand wash not body wash

Preferred soap option for Shower dressing

Use when not waterproofing dressing prior to bathing

Never refill pump bottle due to infection control

