# Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1 Set-up</strong></td>
<td></td>
</tr>
<tr>
<td>What you need</td>
<td>1</td>
</tr>
<tr>
<td>Set up the Abbott FreeGo® table drip stand</td>
<td>2</td>
</tr>
<tr>
<td><strong>2 Preparation</strong></td>
<td></td>
</tr>
<tr>
<td>Prepare the Abbott FreeGo® pump</td>
<td>3</td>
</tr>
<tr>
<td>Plug in and turn on</td>
<td>4</td>
</tr>
<tr>
<td><strong>3 The giving set</strong></td>
<td></td>
</tr>
<tr>
<td>Familiarise yourself with the giving set</td>
<td>5–6</td>
</tr>
<tr>
<td><strong>4 Attaching feed</strong></td>
<td></td>
</tr>
<tr>
<td>Attach giving set to the Ready to Hang (RTH) container</td>
<td>7</td>
</tr>
<tr>
<td>Insert giving set cassette into pump and prime the giving set</td>
<td>8–9</td>
</tr>
<tr>
<td><strong>5 Rates &amp; dosages</strong></td>
<td></td>
</tr>
<tr>
<td>Summary of controls and functions</td>
<td>10</td>
</tr>
<tr>
<td>SET RATE and SET DOSE functions</td>
<td>11</td>
</tr>
<tr>
<td>Connect to the feeding tube and start feeding</td>
<td>12</td>
</tr>
<tr>
<td><strong>6 Feed volume</strong></td>
<td></td>
</tr>
<tr>
<td>VOL FED and CLEAR VOL settings</td>
<td>13</td>
</tr>
<tr>
<td><strong>7 Cleaning &amp; controls</strong></td>
<td></td>
</tr>
<tr>
<td>Everyday care of your pump</td>
<td>14</td>
</tr>
<tr>
<td><strong>8 Alarms &amp; alerts</strong></td>
<td></td>
</tr>
<tr>
<td>OCCL</td>
<td>15</td>
</tr>
<tr>
<td>FEED EMPTY</td>
<td>16</td>
</tr>
<tr>
<td>DOSE and BATTERY</td>
<td>17</td>
</tr>
<tr>
<td><strong>9 Problems?</strong></td>
<td></td>
</tr>
<tr>
<td>Troubleshooting guide</td>
<td>18–20</td>
</tr>
<tr>
<td><strong>10 Pump accessories</strong></td>
<td></td>
</tr>
<tr>
<td>Abbott FreeGo® portable backpack</td>
<td>22–23</td>
</tr>
<tr>
<td>Abbott FreeGo® accessories</td>
<td>24</td>
</tr>
<tr>
<td><strong>Appendix</strong></td>
<td></td>
</tr>
<tr>
<td>Feed details</td>
<td>25–26</td>
</tr>
<tr>
<td>Important contact numbers</td>
<td></td>
</tr>
</tbody>
</table>

FOR ENTERAL FEEDING ONLY
What you need

Abbott FreeGo® pump with power lead

Giving set provided in a plastic bag

Stand to hold the feed

Pole clamp to attach the pump to the stand

Feed
Set up the Abbott FreeGo® table drip stand

1. The stand is in two parts
2. Depress the locking button and slide the parts together
3. Stand is correctly assembled when the locking button pops through the hole

Feed container hangs from the hook at the top of the stand

Feed may be different from the one shown here

4. Correct position of pump, feed and stand when assembled
Prepare the Abbott FreeGo® pump

5. Attach power cord to pump

6. Attach the pole clamp to the back of the pump by screwing it into the pole clamp

7. Align the green dot on the stand pole with the pole clamp screw

8. Hold the pump in place and tighten the clamp onto the pole by turning the black knob

9. Ensure stand is secured to the pole clamp and that the pump cannot move up or down
10. Insert plug into wall socket

11. Switch on the power supply

12. When the pump is powered by the AC/mains a plug icon shows on the LCD and an LED light above the pump dial illuminates. These icons indicate the pump’s integral battery is being recharged. During recharging the LCD battery icon will scroll. It may take up to 2 minutes for the green LED light to illuminate if the battery is depleted.

Fully-charged, the battery will allow the pump to work in the event of power failure or voluntary disconnection from the mains power supply. Please see page 17 for further details on how long the battery can power the pump.
Familiarise yourself with the giving set

Before using your giving set:

13. Check the date on the packaging and do not use if out of date

14. Find the V-notch at the top of the packaging and tear open

15. Remove paper band and uncurl the giving set, taking care not to kink the tubing

16. Twist on the feeding adaptor (with clear plastic end cover) to the end of the giving set tubing

IMPORTANT
Giving sets can be clearly identified by their purple fittings.
Do not use a giving set unless it has purple fittings.
Feedcap adaptor

Pump insert

Purple prime tab

Purple cassette

Two-way tap
(also known as medicines port or flushing port)

Feeding adaptor
Attach giving set to the Ready to Hang (RTH) container*

17. Check the date on the feed (do not use if out of date)

18. Shake the container gently

19. Unscrew the protective white cap, taking care not to touch the foil lid

20. Do not touch foil with your fingers and do not pierce it with scissors

21. Screw on the feedcap adaptor tightly. The built-in foil cutter will pierce the foil automatically

22. Hang the container upside down from the hook on the drip stand

* RTH is an abbreviation for ‘Ready to Hang’ (the rigid pre-filled plastic bottles containing your feed)
Insert giving set cassette into pump and prime the giving set

The giving set can be primed (filled) using:

(A) THE AUTOPRIME FUNCTION

23. Open the pump door
24. Grasp the purple cassette body
25. Loop pump insert around wheel, stretching lightly
26. Gently pull down on the loop
27. Seat purple cassette into pump. Gently press the tubing to ensure it is fully seated in slots below the cassette
28. Close pump door. You will hear a click when the door has been closed properly
29. Turn pump dial to SET RATE or SET DOSE
30. Press and hold the PRIME button for 2 seconds, then release

‘PRIMING’ will be displayed. Autopriming will stop when the priming volume has been reached.
To stop the process, press and release the PRIME button

NOTE:
The end cover of the feeding adapter needs to be removed prior to priming the set.
(B) MANUAL PRIMING

23. Gently push the purple prime tab on the feeding set cassette against the tubing

24. Steadily apply pressure until the feed begins to flow (there is no need to use a pumping action)

25. Completely fill the set by allowing the feed to expel air from the tubing

26. Open the door on the pump

27. Grasp the purple cassette body

28. Loop the pump insert around the wheel, stretching lightly

29. Gently pull down on the loop

30. Seat the purple cassette into the pump. Gently press the tubing to ensure it is fully seated in slots below the cassette

31. Close the pump door. You will hear a click when it has been closed properly

NOTE: The end cover needs to be removed prior to priming the set.
Summary of controls and functions

OFF/CHRG
Turns pump off (and will charge the battery if plugged in)

SET RATE
Sets the amount of feed needed per hour

SET DOSE
Amount to be fed. Set to INF DOSE if a specific dose is not required

RUN
Operates pump and delivers feed

HOLD
Pauses pump for 5 minutes. Use HOLD if you want to cancel an alarm or pause feeding

VOL FED
Shows the amount of feed administered

CLEAR VOL
Clears the accumulated volume that has been delivered and been stored in pump’s memory

ARROW KEYS
Used to increase or decrease dosage and rate of feed.
They are also used to switch between settings on the LCD display

PRIME BUTTON
Used to auto prime the system

OPTIONS BUTTON
Used to adjust alarm volume and back light intensity
SET RATE and SET DOSE functions

32. Turn pump dial to SET RATE

33. Select flow rate by pressing the Up or Down arrows. Keeping an arrow depressed will cause the scroll rate to increase.

34. Turn dial to SET DOSE

35. Set the desired dose by using the Up or Down arrows.

If your healthcare professional tells you not to set a dose, depress the Down arrow until INF DOSE is displayed (pump will feed until the container is empty).
Connect to the feeding tube and start feeding

36. Flush your feeding tube as directed, then remove end-cover from giving set

37. Connect giving set to your feeding tube. Use the feeding adaptor if required

38. Turn the dial to RUN to start feeding. Four drop icons will scroll in the lower right hand corner of the display while feed is running

**NOTE:**
The end cover needs to be removed prior to priming the set.
VOL FED and CLEAR VOL settings

**VOL FED**

Lets you check how much accumulated feed you have delivered

39. Turn the dial to VOL FED and the display will indicate how much feed you have delivered

40. To continue feeding, turn the dial back to RUN

**CLEAR VOL**

 Resets VOL FED display to zero

41. To reset the VOL FED counter to zero, turn the dial to CLEAR VOL (the volume will clear after a 5 second count down on display)

42. To continue feeding, turn the dial back to RUN
Everyday care of your pump

The pump should be cleaned every day after use and immediately after spills occur.

43. Before cleaning make sure the pump is off. Switch off mains power and unplug from the wall socket.

44. Wipe carefully and thoroughly with a soft damp cloth and warm soapy water.

45. The pump is water resistant and can be rinsed under running water. Make sure that you dry the pump properly.

46. When you have finished cleaning the pump, it should be reconnected so that the battery can continue charging.

WARNING – CLEAN THE OUTSIDE OF THE PUMP ONLY
Do not submerge the pump or spray water or cleaning solution into the pump. For general disinfecting, use 10% solution of 5.25% sodium hypochlorite (household bleach), or 40% solution of ethyl alcohol, or 10% solution of phosphoric acid.
Alarms/Alerts: OCCL

Silencing the alarm

Turn dial to
HOLD to silence
the alarm

OCCL

If the display shows
OCCL INTO PUMP
and an audio alarm
sounds, the feed
cannot be delivered
due to a blockage
between the feed
container and
the pump

If the display shows
OCCL OUT OF
PUMP and an audio
alarm sounds there is
a blockage between
the pump and
the patient

Remove the giving set from the pump and check the following

• Is the giving set tubing bent or trapped anywhere?
• Is the two-way tap in the feeding position?
• Is the clamp open on your feeding tube (e.g. nasogastric/gastrostomy tube)?
• Is your feeding tube blocked? To check, set the pump up ready to feed, disconnect the giving set from the feeding tube and RUN the pump into a suitable container. If feed comes out and there is no alarm, it means the pump and giving set are working normally, indicating that your feeding tube may be blocked (contact your healthcare professional)
• If you still experience problems, telephone the Hospital2Home Freephone Helpline: 0800 0183 799
Alarms/alerts: FEED EMPTY

FEED EMPTY

The FEED EMPTY alarm occurs if air is detected in the feeding set.

Is the bottle empty?

Bottle not empty

Bottle empty

- Turn dial to HOLD to stop the audio alarm
- Remove feeding set adapter from your enteral feeding tube
- Prime any air out of the feeding set
- Securely re-attach the feeding set to your enteral feeding tube
- Turn dial to RUN to begin feeding
  
  Or… If you are done feeding:

- Turn dial to OFF/CHRG. This message is displayed because pump was programmed to feed until container is empty (SET DOSE at INF DOSE).
Alarms/alerts: DOSE and BATTERY

DOSE DONE

- **DOSE DONE** means that the dose you entered in SET DOSE is finished. This is normal.
- If you wish to feed until the container is empty, set the dose to INF DOSE by selecting SET DOSE and depressing the Down arrow until INF DOSE is displayed.
- If dose is set to INF DOSE this alarm will not alert.

BATTERY

- **BATT LOW BATTERY** means that the pump’s internal battery needs recharging.
- Approximately 30 minutes of battery operation remain.
- Connect to mains power and continue feeding.
- If CHRG PLEASE WAIT is displayed, please wait until PUMP READY TO USE is displayed.
- A fully charged battery will power the pump for about 24 hours at a feed rate of 84ml/h. The battery charges fully in about 6 hours.

- **BATT BATT EMPTY** means that the battery is depleted and the pump has stopped feeding.
- Connect to mains power.
- The display will indicate CHRG PLEASE WAIT until the pump is ready to use.
## Troubleshooting guide

<table>
<thead>
<tr>
<th>Screen display</th>
<th>Possible cause</th>
<th>Action to take</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ATTN</strong> PUMP ON HOLD</td>
<td>This means that hold time has elapsed</td>
<td>Turn dial to RUN to restart the pump</td>
</tr>
<tr>
<td><strong>BATT</strong> BATT EMPTY</td>
<td>This means the pump battery is depleted and the pump has stopped working</td>
<td>Plug the power cord into a mains outlet and make sure the power is turned on. The display will indicate CHRG PLEASE WAIT until pump is ready to use</td>
</tr>
<tr>
<td><strong>BATT</strong> LOW BATTERY</td>
<td>This means the pump battery is nearly empty and approximately 30 minutes of battery operation remain</td>
<td>Plug the power cord into a mains outlet and make sure the power is turned on.</td>
</tr>
<tr>
<td><strong>CHRG</strong> PLEASE WAIT</td>
<td>The battery charge is below the minimum level to operate and the pump cannot be used until minimum charge level is reached</td>
<td>No action to be taken. Pump is available for use when the display indicates PUMP READY TO USE</td>
</tr>
<tr>
<td><strong>DIAL</strong> NOT SET</td>
<td>Pump dial is between two dial positions e.g. between RUN and HOLD</td>
<td>Turn the dial to the desired position directly aligning the two dots (on the dial and pump casing). Continue setting up and operating pump as normal</td>
</tr>
<tr>
<td><strong>DOOR</strong> OPEN</td>
<td>This means the set door is open while feeding or priming the feeding set</td>
<td>Turn dial to HOLD and close the set door. Turn dial to RUN to restart pump or attempt to prime the feeding set again</td>
</tr>
</tbody>
</table>

**BATT** indicates the pump battery.
### Troubleshooting guide

<table>
<thead>
<tr>
<th>Screen display</th>
<th>Possible cause</th>
<th>Action to take</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DOSE</strong>&lt;br&gt;DONE</td>
<td>This shows the pump has completed delivering the programmed dose</td>
<td>If you have finished feeding: turn dial to OFF/CHRG as the dose has been delivered (VOL FED has reached your set dose). Or, if there is more feed to deliver: turn dial to CLEAR VOL (after 5 seconds, volume will be cleared). Then turn dial to SET DOSE, and use the Up and Down arrows to set the remaining dose to be delivered. Turn dial to RUN to restart the pump</td>
</tr>
<tr>
<td><strong>ER##</strong>&lt;br&gt;SYSTEM FAIL</td>
<td>This indicates a pump malfunction</td>
<td>You should remove the pump from the patient immediately. Turn the dial to OFF/CHRG and contact Abbott Nutrition</td>
</tr>
<tr>
<td><strong>FEED</strong>&lt;br&gt;EMPTY</td>
<td>This means that air has been detected in the feeding set</td>
<td>If you are just beginning a feeding:  - Open the door. Gently press the tubing to ensure it is fully seated in slots below the cassette. Close the door firmly. Or… If there is more food to deliver:  - Turn dial to HOLD to stop the audio alarm  - Remove feeding set adapter from your enteral feeding tube  - Refer to INSTRUCTIONS FOR USE to prime the air out of the feeding set  - Securely re-attach the feeding set to your enteral feeding tube  - Turn dial to RUN to begin feeding Or… If you are done feeding:  - Turn dial to OFF/CHRG. This message is displayed because pump was programmed to feed until container is empty (SET DOSE at INF DOSE).</td>
</tr>
<tr>
<td><strong>LOCK</strong>&lt;br&gt;PUMP LOCKED</td>
<td>Lock-out disables the SET RATE, SET DOSE and CLEAR VOL dial settings, as well as the pump’s prime features</td>
<td>Turn dial to SET RATE or SET DOSE. Deactivate the lock by pressing the Up and Down arrows simultaneously. Repeat these steps to reactivate the pump</td>
</tr>
</tbody>
</table>
## Troubleshooting guide

<table>
<thead>
<tr>
<th>Screen display</th>
<th>Possible cause</th>
<th>Action to take</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NO CASSETTE</strong></td>
<td>This means that either there is no cassette installed or that the cassette was</td>
<td>Turn dial to HOLD and insert cassette correctly and close set door. Turn dial</td>
</tr>
<tr>
<td></td>
<td>installed incorrectly when attempting to run pump or prime giving set</td>
<td>to RUN to start pump, or attempt to prime the feeding set again</td>
</tr>
<tr>
<td><strong>OCCL INTO PUMP</strong></td>
<td>Flow has stopped due to blockage between the feed container and the pump, or</td>
<td>Turn control dial to HOLD. <strong>Remove feeding set from pump.</strong> Clear obstruction;</td>
</tr>
<tr>
<td>or <strong>OCCL OUT OF PUMP</strong></td>
<td>between the pump and the patient</td>
<td>check for kinked tubing or empty container. Reinstall feeding set. If this</td>
</tr>
<tr>
<td></td>
<td></td>
<td>alarm appears during priming, attempt to prime the set again, then connect</td>
</tr>
<tr>
<td></td>
<td></td>
<td>the feeding adaptor to the enteral feeding tube. Turn dial to RUN to begin</td>
</tr>
<tr>
<td></td>
<td></td>
<td>feeding</td>
</tr>
<tr>
<td><strong>PUMP READY TO USE</strong></td>
<td>The battery charge has reached the minimum level to operate and the pump can</td>
<td>Turn dial to any position to clear message. Confirm all settings are accurate.</td>
</tr>
<tr>
<td></td>
<td>now be used</td>
<td>Turn dial to RUN to continue feeding</td>
</tr>
<tr>
<td><strong>– HOLD MINUTES</strong></td>
<td>This display counts down the remaining time the pump will be on hold</td>
<td>Turn dial to HOLD. If desired, adjust the HOLD timer to any duration (in 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>minute intervals), between 1 to 90 minutes by using the Up and Down arrows</td>
</tr>
</tbody>
</table>

If you have any problems setting up your Abbott FreeGo® pump and feeding system, please telephone the **Hospital2Home Freephone Helpline: 0800 0183 799**
Pump accessories
Abbott FreeGo®
portable backpack

- Backpacks are available for adults and children to carry the Abbott FreeGo® system

- They are available in three colours
  Abbott FreeGo Adult Backpack / Carry Bag
  (S405) - Black
  (S530) - Red
  (S532) - Blue
  
  Abbott FreeGo Paediatric Backpack / Carry Bag
  (S404) - Black
  (S531) - Red
  (S533) - Blue
  
- Both backpacks will hold the 500ml RTH containers and 200ml/220ml plastic bottles. The adult backpack will also hold the 1000ml and 1500ml RTH containers
Abbott FreeGo® portable backpack

Using the Abbott FreeGo® system in the backpack

1. Set up your pump and giving set as normal. Then push the pump into the padded support in the backpack, making sure you haven’t caught the giving set tubing behind it

2. Position your feed bottle in the backpack as indicated by the printed lines and secure in place with the Velcro straps and the looped elastic

3. Secure the tubing using the Velcro and coil any excess tubing

4. Fasten the zip allowing the tubing to move freely out of the bottom of the backpack

5. Connect the giving set to the feeding tube. Open the lower pocket and set the pump to run

6. The back panel can be positioned so the backpack will stand upright

If you need further information about portable backpacks, please contact your healthcare professional or call the Hospital2Home Freephone Helpline: 0800 0183 799
Abbott FreeGo® accessories

- **Standard pole clamp (S406)**
- **Adjustable angle pole clamp (S415)**
- **Table drip stand (S407)**
# Feed details

<table>
<thead>
<tr>
<th>Patient’s name</th>
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<table>
<thead>
<tr>
<th>Name of feed</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Feeding RATE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed (1st container, ml/h)</td>
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<table>
<thead>
<tr>
<th>Feeding DOSE: (total volume to be given, ml)</th>
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<table>
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<tr>
<th>Make and description of feeding tube:</th>
</tr>
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<table>
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<tr>
<th>Other information:</th>
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</table>
Important contact numbers

Dietitian:

Other healthcare professional:

Hospital2Home Freephone Helpline

0800 0183 799

Other:
Abbott FreeGo® is a registered trade mark of Abbott Laboratories Ltd.

Further information is available from Abbott Nutrition, Abbott House, Vanwall Business Park, Vanwall Road, Maidenhead, Berkshire SL6 4XE. www.abbottnutrition.co.uk

Date of preparation: August 2012 © 2012 Abbott Laboratories Ltd. RXAN120296