

D-mine[®] Pump



Troubleshooting Guide for Patients

**A guide for patients, families and carers using
the D-mine[®] Pump to administer Dacepton[®].**
(Apomorphine Hydrochloride Hemihydrate)

Adverse event reporting information can be found on the back page.

MED-DOC-EVPH-063-v01
Date of Preparation: April 2026



Intended Use

For people who are using the **D-mine® Pump** and have been prescribed **Dacepton®**

This booklet is an in-depth guide to using your **D-mine® Pump**. Do not hesitate to contact your healthcare professional or **D-mine® Care** nurse advisor with any questions.



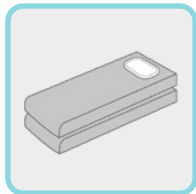
D-mine® Pump

The pump controls the administration of Dacepton®. It can only be used with a D-mine® reservoir and a rechargeable battery.



Docking Station

The docking station is used to charge the rechargeable batteries and is a holder for the pump and vial during preparation.



2x Rechargeable Batteries

Typical battery life: 7 days

The batteries within the pump can be recharged by inserting these into the docking station or by inserting the pump (with battery intact) into the docking station.



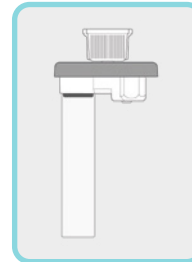
Carrying Case

The carrying case with the strap can be placed around your neck or diagonally across your body.



Dacepton® Vials

Only Dacepton® 5mg/ml solution for infusion can be used with the D-mine® Pump. In one 20ml vial there is 100mg of Apomorphine.



D-mine® Reservoirs

The reservoir holds your Dacepton® when it is in your Pump.

The reservoirs must only be used once and replaced each time the pump requires a new Dacepton® vial. Dacepton® is filled from the vial to the reservoir with the aid of the pump.



Infusion Set

To connect your Pump to your body.

Infusion lines can be used based on compatibility details (needle diameter between 28 and 31 gauge). The D-mine® Infset is available for use with the D-mine® Pump.

The infusion set, like the reservoir, must only be used once. The infusion line should be changed every 12 hours.



Apomorphine is NOT morphine and does not have any pain killing properties, nor is it addictive.

Please note that Dacepton® will leave a green stain on any surface or material it comes into contact with.*

*Le Witt PA (2004) Subcutaneously administered apomorphine: pharmacokinetics and metabolism, Neurology, 62 23;62 (6 Suppl4):S8-11.

Function Buttons

Function buttons

Three function buttons are located below the screen.

To action any function on the pump you must press these buttons and **not the screen**.

The current function is always indicated above the button of the screen.



Device Error Indicator



Device error indicator

The signal light is on the top right side of your pump. It will flash red if the pump has detected an error. In cases of an error, drug delivery is stopped. See [page 17](#) for help with errors.

Alarm signals

ERROR	Two consecutive, equally short audible signals that repeat every 16 seconds
WARNING	Four short audible signals, two each in alternation

Notice signals

OK	A short high pitch audible signal
Not OK	A long low pitch audible signal
Ready	Three short audible signals, descending tone sequence

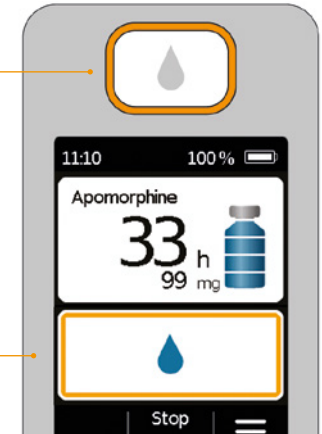
Bolus Button

Bolus button

The button above the screen is provided to deliver a bolus (boost) of medication.

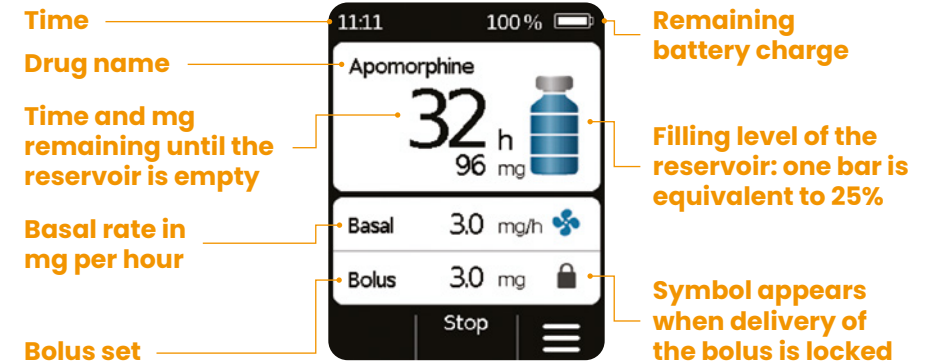
Bolus delivery

Once you press the bolus button, the screen shown right will appear. Press and hold the button (for approximately 3 sec) until the acoustic "OK" signal is emitted, then release the button.



Screen

The screen will switch off automatically if you do not operate the device for more than one minute. Switch the screen on again anytime by pressing any function button.



The filling value indicates the remaining time (h) and mg until the reservoir is empty at the current set basal rate. The time will reduce if additional boluses are delivered. If the basal rate is set to 0mg/h, no time indication will be shown.

Preparing the Reservoir

1



Remove the **D-mine® Pump** Reservoir from its packaging.

2



Insert the Reservoir into the Pump by clicking it firmly into place.

3



Use the arrow buttons to scroll down to "New Reservoir" then press ✓ to confirm.

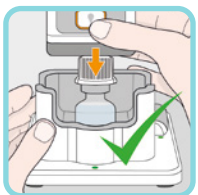
Then confirm "Display & Sound OK."

4



Remove orange cap and place the Dacepton® vial into the docking station.

5



Turn the Pump upside down and push the white adaptor onto the vial firmly.

Turn the Pump upright, confirm on the Pump when the vial is attached.

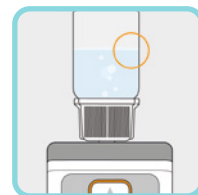
6



Twist the white adapter clockwise to secure the vial. Follow instructions on the screen to start the filling process.

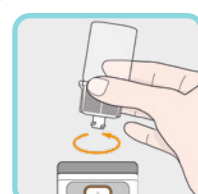
If the adapter is not tightened, air will leak into the reservoir and the medication will not be transferred completely.

7



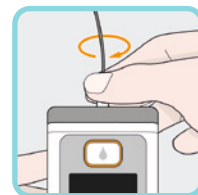
The filling process may take several minutes, place your Pump upright into the docking station while you wait. Air bubbles will appear in the liquid during the filling process.

8



After the filling process is complete, unscrew the vial from the Pump by twisting anti-clockwise and discard. Press ✓.


9

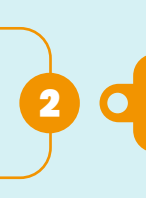



Attach the infusion line to the Pump firmly screwing it into place. Confirm each instruction displayed on the Pump screen by pressing ✓.



Starting the Infusion

- 


Stand Pump in docking station and confirm by pressing ✓.
- 


See display screen message "Pump is being prepared", allow a moment for this.
- 

You will then have the option to prime the infusion line – select Yes or No.

3a If Yes is selected – you can stop priming by pressing "stop" when the line is primed.

3b If No is selected – you may insert the needle dry. The line will fill when the infusion has started.


3c Ask your healthcare professional for advice on priming the infusion line.
- 

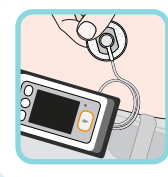
Insert the infusion line as per your local guidelines and confirm on the Pump.
- 


Hold the middle button (START button) for five seconds.

Release the button once the device beeps. The blue fan signal will begin to rotate when the infusion starts.

Stopping the Infusion


- 

Hold the middle button (STOP button) for five seconds. Release the button once the device beeps.
- 

Remove the dressing surrounding the needle and gently remove the needle from the skin.
- 

Disconnect the infusion line from the Pump.

3a If the Reservoir on your Pump contains medication that can be used the following day, place a Combi Stopper on the Pump.*

3b If your Reservoir is empty, remove the used Reservoir from the Pump by firmly pressing the grey button on the side of the Pump and discard of the reservoir.
- 

Place the Pump into the docking station. This will help protect your Pump from accidental damage.

*Combi stoppers are not provided as an essential item. However, can be prescribed by your healthcare professional on request.

Restarting the Infusion

Follow these steps if your Pump was stored overnight with a Reservoir containing medication from the previous day.*

1



To restart infusion press any button and then select the button below the unlock symbol on the bottom left.

2



Press the menu button located at the bottom right of the screen.

3



Use the down button to highlight 'Change infusion set' and then press the ✓.

4



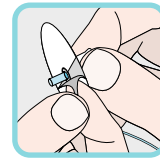
Connect the infusion line to the Pump. Once the infusion line is connected press the ✓.

5



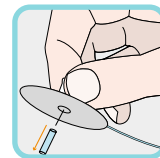
'Priming of infusion set?' will appear on the screen. If your healthcare professional recommends that you prime the infusion set before use, press Yes and proceed to 5a. If not, Press No and proceed to step 6.

6



Remove the backing from the adhesive pad.

7



Take the plastic cover off the needle by twisting the cap off and insert the needle into the skin. Injection sites can be found on the next page.

8



Press and hold the middle button for five seconds. Release the button once the device beeps.

9



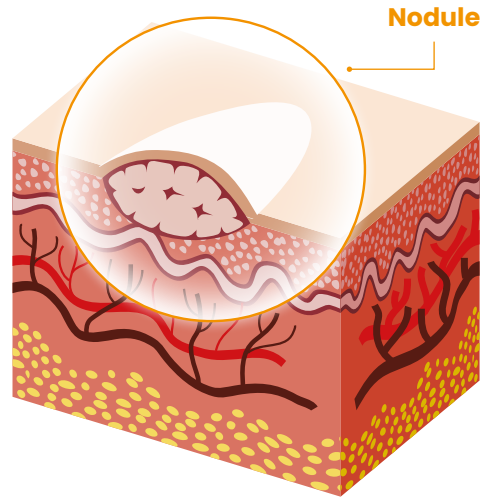
Place the Pump into the carrying case. This will help protect your Pump from accidental damage.

*SmPC Section 6.3 "After first opening the chemical and physical in-use stability has been demonstrated for 7 days at 25°C. From a microbiological point of view, unless the method of opening and further handling precludes the risk of microbial contamination, the product should be used immediately. If not used immediately, in-use storage times and conditions are the responsibility of the user." Hence the user should ensure that the handling of **Dacepton**® and **D-mine**® devices are in accordance with the instructions for use, SmPC and the guidance provided by the **D-mine**® nurse advisor or treating healthcare professional. Once opened, the user is responsible for in-use storage times and conditions to prevent microbial contamination.

Skincare

Although Apomorphine is absorbed quickly from the injection site, it can pool under the skin causing skin reactions. This can cause your skin to become red, tender or itchy. In some cases, you can also feel hardening of the skin around the injection site (nodules).

These skin reactions are not dangerous and can be managed through good skincare practices and why you must use a different injection site each time you use Apomorphine.



Prevention and Management:

Injection Site Reactions

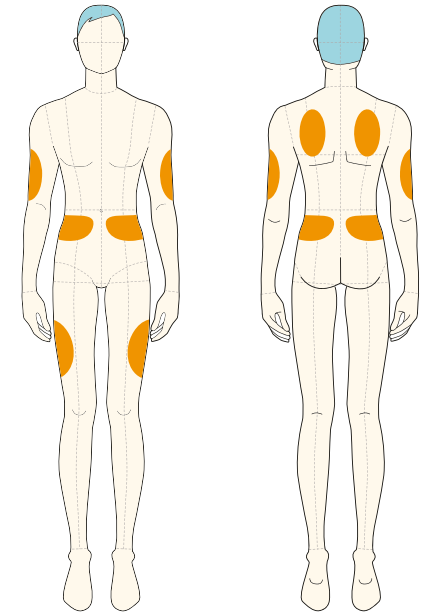
Factors that can reduce the risk of adverse skin reactions:

- Use of a wider area and rotation - not just alternation from side to side
- Needle type
- Needle-siting technique
- Improved hygiene
- Prompt treatment of affected tissue.



Injecting

- Ensure you have clean hands and you have disinfected the area that you are injecting into.
- The image on the right shows recommended sites for subcutaneous injection.
- Be gentle when removing the previous infusion line from your skin.
- Insert a new infusion line at least 2 inches (5cm) away from any recent infusion sites and 2 inches (5cm) away from your belly button.
- Keep skin dry and wipe away any residual drops of Dacepton®.
- Massage your skin by hand or with a massage device (up to 10 minutes is optimal). This may help prevent the formation of skin nodules.
- Do not inject into a skin fold or scar tissue and do not inject into an area of skin that is red, sore, infected or damaged.



Please ask your healthcare professional or D-mine Care Nurse for support on injection sites.



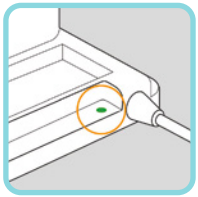
Remember

The angle at which you insert the needle will depend on which needle you use, for example: thumb tack needles are inserted at a 90° angle & butterfly needles are inserted at a 45° angle.

How to charge

The D-mine® Pump and docking station can charge batteries when plugged into a main power source.

1



Connect the docking station to a socket. The signal light directly next to the connection will light up green.

A: Charging battery inside the Pump

2a



Insert the battery into the pump.

3a

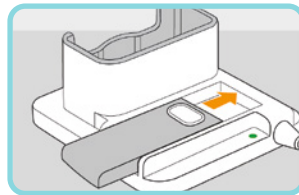


Place the pump within the docking station to charge.

TIP: A recharged battery capacity of at least 70% is needed to fill the pump.

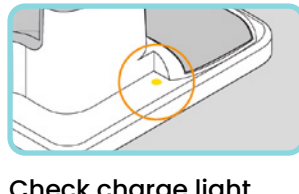
B: Charging the spare battery

2b



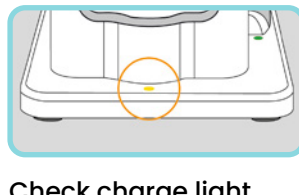
Insert the spare battery into the docking station

3b



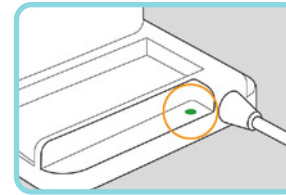
Check charge light.

4a

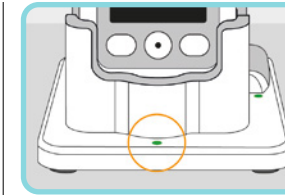


Check charge light.

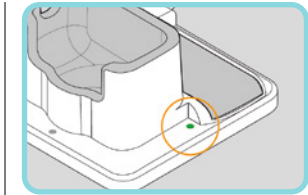
Docking Station Lights Overview



Signal light for mains connection

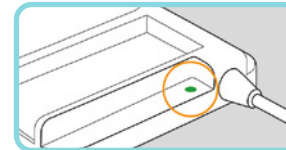


Signal light for rechargeable battery inside the Pump

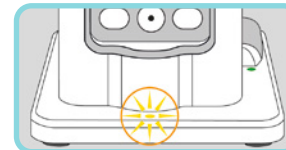


Signal light for spare rechargeable battery

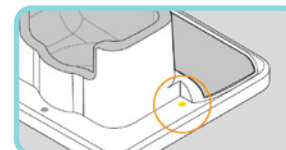
Light Status Breakdown



GREEN
Battery fully charged



YELLOW FLASHING
Error while charging



YELLOW
Charging is in progress



If the pump is used for the first time or has been stored for a long time without a battery, the screen may remain black when the battery is first inserted. In this case, leave the battery in the pump for at least 8 hours to fully charge the spare battery.

Avoid temperatures of over 70° c as this could significantly damage the rechargeable batteries.

Storage and handling advice

DO's

- Always check you have received the correct drug and the vial has not surpassed the expiry date. See EXP number on packaging.
- Do not refrigerate or freeze medication.
- Always keep at least one battery within the docking station - this ensures that treatment is not interrupted.
- Ensure you provide clear skincare instructions to avoid any adverse skin reactions e.g. massage injection sites as this may help prevent the formation of skin nodules
- Always ensure you have clean hands when working with Dacepton®.

DON'T's

- Do not submerge in water - the D-mine® Pump is not waterproof.
- Do not reuse infusion lines & reservoirs.
- Do not inject into a skin fold or scar tissue and do not inject into an area of skin that is red, sore, infected or damaged.
- Do not stop medication abruptly without the permission of your prescribing physician.











Cleaning the device

- Wipe the pump with a moist cloth, with the reservoir attached.
- Preferably use water or a mild cleaning agent
- Avoid aggressive cleaning agents such as alcohol wipes.



Troubleshooting

Symbol	Alarm	Reason for alarm	What should I do?
	Occlusion	The infusion route (reservoir/ infusion set) is blocked.	Ensure the infusion line is not caught/bent. Connect a new infusion set to the pump.
	Reservoir empty	The amount of drug remaining in the reservoir is less than the set basal rate or bolus dose.	Refill a new reservoir at your earliest convenience.
	Device Error	The internal pump monitoring system has detected a technical error (e.g., sensor failure, etc.). Drug delivery has stopped.	Replace the battery. If the alarm persists contact the technical helpline.
	Battery low	Battery capacity is lower than 20%.	Replace the battery at the earliest opportunity.
	Reservoir low	Drug remaining in the reservoir has reached 60 minutes, 30 minutes & 10 minutes.	Refill a new reservoir at your earliest convenience.
	Battery too low for filling	The rechargeable battery is not adequately charged to complete the filling process.	Replace the battery. If both batteries are not charged place the pump in the docking station for filling.
	Bolus lockout active	You have attempted to deliver another bolus while bolus lockout time is enabled. The remaining lockout time is indicated on the screen.	Wait until the time on the screen has elapsed and then you may deliver another bolus.
	Reservoir empty - Incomplete Bolus delivered!	The amount of drug remaining in the reservoir is less than the set bolus dose.	Refill the reservoir and change your infusion line to deliver the bolus.

Error 4 & 5

The pump stops abruptly. The error does not occur if the filling process is started outside the docking station.

What should I do?

Contact the technical helpline to send the *D-mine*® Pump to EVER Pharma for a software update; Error 4 occurs in V1.03 or below, we will initiate a software update to V1.05.

Error 33 & 36

The reservoir could be loose inside the Pump, this can be for a few reasons: The user did not insert the reservoir correctly, defective / old reservoir, occlusion in the line, dropping the device.

What should I do?

Remove the reservoir and reinsert, select “Same reservoir” and complete the steps to start the infusion as normal. If problem persists following a new fill, please contact the technical helpline.

Error 58 (18)

Defective speaker.

What should I do?

It is not possible to solve this error with the keypad. Contact the technical helpline to send the *D-mine*® Pump to EVER Pharma for further investigation.

Error 41

Internal batteries need to be recharged.

What should I do?

Insert the battery into the pump and place in the docking station for 20 minutes. Remove and insert the pump battery again after the 20 minutes. If this error occurs again within 24 hours, contact the technical helpline to send the *D-mine*® Pump to EVER Pharma for further investigation.

Error 44, 47, 49, 55, 57, 58(7), 58(11), 58(13), 58(15), 59

Occurs due to an internal communication error.

What should I do?

It is not possible to solve this error with the keypad. Contact the technical helpline to send the pump kit to EVER Pharma for further investigation.

Error 60

Sporadic working keyboards and displays.

What should I do?

It is not possible to solve this error with the keypad. Contact the technical helpline to send the pump kit to EVER Pharma for further investigation.

The Pump is contaminated with water

What should I do?

Stop drug delivery and disconnect the infusion set from body. Remove the rechargeable battery from the device. Dry any dampened areas with a dry cloth or paper towel. Inspect the pump and rechargeable battery for cracks or damage. Restart the device and monitor the start-up process. The full display must always appear. If there is no visible damage on the pump and/or rechargeable battery, you may restart treatment with a new reservoir and infusion set. If the pump is damaged, contact the technical helpline.

New reservoir is not able to be filled. This may be due to the “Same reservoir” has been incorrectly selected on insertion of a new reservoir.

What should I do?

“Same reservoir” may have been incorrectly selected on the insertion of a new reservoir. Remove the reservoir and reinsert, select “New reservoir” and complete the steps to start the infusion as normal.

Reservoir is not fully filled with liquid

What should I do?

The fit of the adapter may not have been checked before the filling process. If this is not secure, air can be drawn in to the reservoir during the filling process. Restart the infusion with a new reservoir and a new vial. Always gently turn the adapter clockwise when attached to the vial. Repeat the filling process.

Air in the reservoir visible after filling

What should I do?

Check the filling level of the reservoir in the viewing window after the filling process. Air bubbles can be removed from the reservoir by the priming process.

The drug solution has leaked into the Pump

What should I do?

Stop drug delivery and disconnect the infusion set from body. Remove the reservoir and the infusion set and dispose of both. Remove the rechargeable battery from the device. Clean the pump and rechargeable battery with a paper towel and inspect both for cracks or damage. If no cracks or damage is present, restart the device and monitor the start-up process. The full display must always appear. Always use a new reservoir and new infusion set. If the pump is damaged, contact the technical helpline.

Incorrect screen display

What should I do?

If the buttons cannot be unlocked, then briefly remove the rechargeable battery from the pump and re-insert. If this persists, contact the technical helpline to send the D-*mine*® Pump to EVER Pharma for further investigation.

Pump will not start

What should I do?

If the pump will not start, this may be due to the following:

- The reservoir may not been changed or was changed incorrectly, replace the reservoir and restart the filling process.
- The “Start” button was held and pressed too long or not long enough. Re-insert the battery and start the infusion again.

Pump does not stop

What should I do?

The “Stop” button may have been held for too long or not long enough. Re-insert the battery and start the infusion again.

Bolus cannot be delivered

What should I do?

If the bolus cannot be delivered, this may be due to the following:

- Drug delivery has stopped and must be restarted. Re-insert the battery and start the infusion again.
- The bolus lock is currently enabled therefore the available number of delivered boluses has been reached. Another bolus delivery is not possible until after the lock time has elapsed.
- The bolus dose exceeds the amount of drug remaining in the reservoir. In this case, refill the reservoir and follow steps to start the infusion.

The infusion set has been primed correctly, delivery has started but there is no display on the pump screen and/or you cannot see a blue rotating propellor symbol

What should I do?

First, check if the connection between the pump and infusion set is tightened firmly and the infusion set is properly connected to the body. If this is the case, but the problem persists, stop drug delivery and disconnect the infusion set from body. Remove the reservoir and the infusion set and dispose of both. Remove the rechargeable battery from the device. Inspect the pump and rechargeable battery for cracks or damage. Refill the reservoir, change the infusion set and restart the device and monitor the start-up process. Each step must be properly displayed on the screen. If there is no visible damage on the pump and rechargeable battery, then you can

continue treatment with a new reservoir. If the problem persists, contact the technical helpline and send the D-*mine*® Pump to EVER Pharma for further investigation.

The pump was dropped

What should I do?

Stop drug delivery and disconnect the infusion set from body. Discard of the reservoir and the infusion set. Remove the rechargeable battery from the device. Inspect the outside of the pump and rechargeable battery for cracks or damage. Restart the device and monitor the start-up process. The full display must always appear. If there is no visible damage on the pump and rechargeable battery, fill a new reservoir and continue treatment with a new infusion set. If the pump is damaged, contact the technical helpline and send the D-*mine*® Pump to EVER Pharma for further investigation.



**If you have any concerns,
please contact the technical helpline.**

D-*mine*® Technical Helpline: 0800 254 0175
(Monday–Sunday: 07h00– 22h00)
email: ever.pharma@nhs.net

D-mine[®] Care

Who to contact for support

For support related to your **Dacepton[®]** therapy, please contact your healthcare professional or your **D-mine[®] Care** nurse advisor. Please note, your **D-mine[®] Care** nurse advisor works Monday–Friday, 09h00–17h30.

Technical Support

For technical support relating to your device:

- ☎ 0800 254 0175 (Monday–Sunday: 07h00–22h00). Outside of these hours, **leave a message** and you will receive a call back the next day.
- ✉ email ever.pharma@nhs.net

Prescriptions and ancillaries

For support relating to prescriptions and ordering:

- ☎ 0800 254 0176 (Monday–Friday: 08h00–16h00)
- ✉ email info.uk@everpharma.com

Adverse Events

Any adverse events should be reported to your healthcare professional. You can also report adverse events directly via the Yellow Card Scheme at www.yellowcard.mhra.gov.uk

Adverse events should also be reported to Medical Information on: 0800 254 0174 or drugsafety@everpharma.com

By reporting adverse events you can help provide more information on the safety of this medicine. Very common side effects include hallucinations and injection site reactions. If you experience these side effects, please discuss them with your healthcare professional.

This booklet has been produced by EVER Pharma in the interests of patient education.

The D-mine[®] Care nurse service is contracted through Bionical Health.

Registered Office: Bionical Health Ltd, The Piazza, Mercia Marina, Findern Lane, Willington, Derbyshire, DE65 6DW. No. 15300657

The D-mine[®] Care nurse service can only be engaged after a decision to prescribe Dacepton[®] has been made.

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