

MiniMed™ 780G system

Sensor tips

Medtronic

This informational guide is intended to help you with sensor management.

Check with your healthcare team about solutions that may be best for you.

Selecting your site

Did you know? It's important to choose a proper site for insertion, making sure you rotate your site each time.

Recommended sensor insertion sites

Choose an insertion site that has an adequate amount of subcutaneous fat. Shown here are the best body areas (shaded) for sensor insertion. It is recommended to insert on the back of the arm for best sensor accuracy.¹



Do not insert the sensor in muscle or areas constrained by clothing or accessories, areas with tough skin or scar tissue, sites subjected to rigorous movement during exercise, or in sites under a belt or on the waistline for best sensor performance and to avoid accidental sensor removal.

Securing your sensor site:

Before you insert your sensor, wash your hands and prepare your site with alcohol. This will clean your skin to prevent infection and also help the adhesive stick. Other things you may want to try, if needed include:

- Removing dead surface skin cells with a facial scrubbing brush, a loofah or a washcloth with soap and water.
- Trim/shave hair if desired.
- Avoid using lotions where you intend to apply tape as the tape may not stick well on top of the lotion.
- Use a prep or additional adhesive underneath or around your site for extra protection.
- After applying the tape, go back around the edge with your finger to seal the edges to your skin.

Tips for special circumstances:

Pain on insertion:

- You may put ice on the site to numb it slightly before inserting the needle
- Talk to your healthcare team about a numbing cream (topical anaesthetic) - some are available by prescription only. Note that these have specific instructions so be sure to follow the directions provided by the manufacturers. You will also need to wipe all the cream off, clean the area and dry it, prior to insertion
- If you experience pain for a period of time after the sensor has been in place, this may indicate that you are in or near muscle tissue, and it should be changed.

Skin sensitivities, allergies and skin reactions:

- Allergies and skin reactions such as itching, rashes or bumps may occur. When you notice these, determine the cause and try a different product.
- If the site becomes irritated or inflamed, the sensor should be removed and a new one inserted in a different location.
- If you are having repeated issues, please contact your healthcare team or your local Medtronic team member for assistance.

Rotating your sites:

- Rotate sensor sites to keep your tissue healthy
- Lumps or hardened areas are caused by injecting insulin into the same site/s over time - if you have lump or hard areas choose a softer site and avoid the previous site for about one month. Sensors work best when inserted in the fluid around your cells. If the sensor is inserted in scar tissue, it may not work well. Talk to your healthcare team to discuss possible alternative locations.

Bleeding on insertion:

- Try putting ice on the site before your next insertion to constrict the blood vessels.
- If bleeding occurs under, around or on top of the sensor, apply steady pressure using sterile gauze or a clean cloth placed on top of the sensor for up to 3 minutes. If bleeding does not stop, remove the sensor and apply steady pressure until the bleeding stops.
- In each box of sensors, there are 5 sensors. This means each box can last up to 35 days. Through the NDSS subsidy, you can order a new box every 30 days and you can get 15 boxes a year. If you have sensors that require replacing, please call the Global Helpline.

MiniMed™ 780G system

Tapes, preps, wipes and adhesive remover options

Product options:

Most of these products should be available at your local pharmacy or online

Tapes:

Tapes and adhesives are used to hold and infusion set or sensor/transmitter in place and you may need to try different products to find the right one that suits you. Follow the instructions by the manufacturers and your healthcare team.

Product name	Description
Hypafix [™] , Fixomull [™] , and others	Non-woven fabric made from white polyester material and hypoallergenic adhesive on quick release backing paper
IV3000 [™] and Tegaderm [™] tapes	Transparent moisture responsive clear film dressing.
Parker Sil-flex [™] tape	Transparent silicone based tape that works well with people that have severe skin allergies
Rocktape [®] , Rocktape H2O [®] , Sport tapes and others	Fabric-based tapes that work well to keep the transmitter stable with little movement
Type Strong [®] , Not Just a Patch [®] , Rockadex [®] and others	Fabric based patches made by various Australian suppliers

Preps and wipes:

Preps and wipes are used to clean a prepare your skin before insertion. Barrier wipes are used after cleaning and under tapes and adhesives to help protect sensitive skin. Note: these should not be used to prep a sensor site, unless using the bullseye method (described to the right).

Product name	Description
IV Prep [™] Wipes/Spray	Prepares skin and helps tape stick better. Great in humid climates or for those that sweat.
Skin-Tac [™] Wipes	Aids in the adhesion between skin and tape. Latex free and hypo allergenic. Consider using Tac Away [™] Adhesive Remover with this product.
Cavilon [™] Barrier Film	It comes in a spray, cream, or wipes. The hypoallergenic no-sting formula creates a skin barrier to applied area to reduce skin friction and irritation
Nasonex [®] Nasal Spray	Over the counter spray that can be applied to the skin to reduce allergic reactions and resulting skin irritation
Advantan [®] 1% ointment	Prescription required and is used help manage allergic reactions on the skin

Adhesive removers:

If you use additional adhesives, it may be difficult to remove them, or if you have sensitive skin, speak to your healthcare team about using these adhesive removers. Follow the instructions by the manufacturers and your healthcare team.

Product name	Description
Zoff [®] Adhesive Remover spray or wipes	Reduces trauma of adhesive removal and is easy to use. Is reported to be gentle.
Remove [®] or Uni-Solve [®]	Remove [®] contains Aloe for gentle removal and Uni-Solve [®] is designed to ease adhesive removal.
Baby Oil (Generic)	Common family skin care product that can help remove residue.

Taping techniques:

Blanket tape method:

- Clean skin and allow to dry
- Insert the sensor and connect the transmitter
- Select a piece of suitable fabric tape (see options on the left) that will cover the entire sensor and transmitter. Apply directly over both the sensor and the transmitter.

Bullseye method:

Wipe in a circular motion but leave a small circle of skin bare at the centre of the circle, so you can safely insert your sensor through the bare alcohol-cleaned skin.

Activities during summer:

- You may need to think about extra tape or adhesives during summer so your sensors stay secure with higher temperatures and humidity.

Note: For any other questions, speak with your healthcare professional Alternatively, please call the 24-hour Global Helpline at 1800 777 808.

You can also visit: <https://medtronic-diabetes.com.au>

Contact Medtronic for technical assistance or to report product issues. Reach out to your healthcare professional for medical advice.

1. Christiansen MP, et al. Diabetes Technol Ther. 2017;19(8):446-456 GSR data were obtained using the Guardian Link 3 transmitter calibration algorithm and calibration values from the MiniMed 640G insulin pump.

Medtronic

2 Alma Road
Macquarie Park
NSW 2113
Tel: +61 2 9857 9000
Fax: +61 2 9889 5167
Toll Free: 1800 777 808
medtronic-diabetes.com.au

Always follow the directions for use.

Information contained herein is not medical advice and should not be used as an alternative to speaking with your doctor. Discuss indications, contraindications, warnings, precautions, potential adverse events and any further information with your healthcare professional.

12453-042023© 2023 Medtronic. All rights reserved. Medtronic, Medtronic logo, and Engineering the extraordinary are trademarks of Medtronic. All other brands are trademarks of a Medtronic company.