



Welcome to the Medtronic DBS family

Percept™ PC Deep Brain Stimulation
(DBS) patient handbook



Welcome to Medtronic and your Percept™ PC DBS system

You can use this handbook to learn how to:

- Use your **patient programmer** and **communicator**
- **View and manage your therapy**
- **Prepare for an MRI** if you need one

We've also included commonly asked questions.

Patient user guides and MRI information can be found at:

[medtronic.com/patientmanuals](https://www.medtronic.com/patientmanuals)

For additional guides and videos on how to use your DBS patient programmer and communicator visit:





[medtronic.com/DBSsupport](https://www.medtronic.com/DBSsupport)

– OR –



Scan this QR code with your cell phone camera.

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Your support team

Talk with your doctor first

Your doctor should be your first resource in case of medical concerns. If you have questions or experience any pain or discomfort with your device, contact your doctor.

Call Medtronic Patient Services at:

800-510-6735

Monday-Friday, 8 a.m.-5 p.m. Central Time

Medtronic Patient Services can help with:

- Troubleshooting and answering technical questions about your patient programmer and communicator
- Information on compatibility with other products, activities, or procedures
- Preparing for an MRI
- Replacing a broken, lost, or stolen device

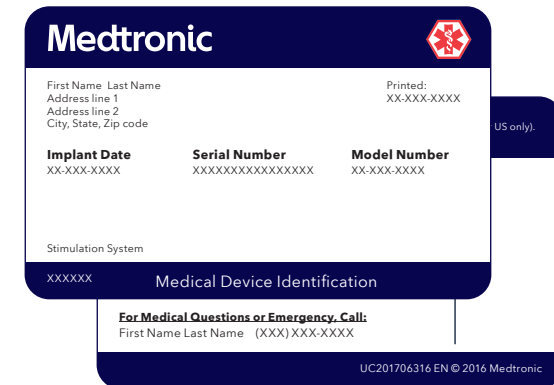
Your Medtronic patient ID card

You should have received a temporary patient ID card at the time of your implant procedure. A permanent ID card will be mailed to you from Medtronic within a few weeks. Carry this ID card with you at all times.

Patient registration contact information

If you need to update or request a new patient ID card, call registration at 800-551-5544 or visit [Medtronic.com/idcard](https://www.medtronic.com/idcard).

Present your ID card when you have medical or dental procedures, or when you must pass through a security screening system (such as airport security), where your device may set off an alarm.

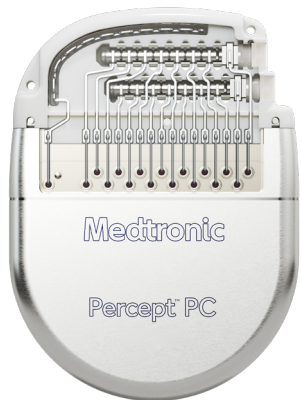


Note: Your patient ID card may not look exactly like this card.



Scan QR code to update
or request an ID card
[medtronic.com/idcardrequest](https://www.medtronic.com/idcardrequest)

Your Percept™ PC DBS system



Implanted neurostimulator

Your implant generates and delivers stimulation for your therapy.



Patient programmer (also called the handset)

Your patient programmer allows you to view or adjust your therapy, as enabled by your DBS clinician.

Use the power adapter and USB-C cord to charge your patient programmer.†

Communicator

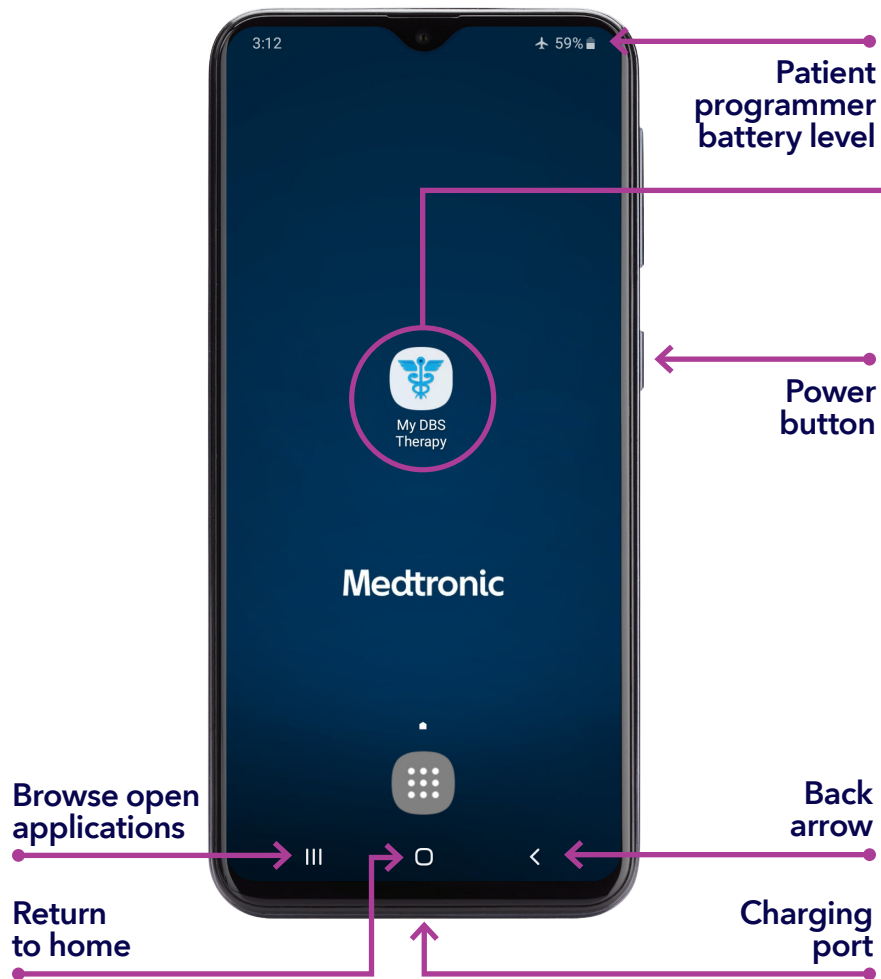
Your communicator provides a communication bridge between your patient programmer and your neurostimulator.

Use the power adapter and white micro USB cord to charge your communicator.†



† Please note that the included power adapter and cables may vary in style and color.

Your patient programmer



My DBS Therapy app

Use the app to:

- Check your neurostimulator battery level
- Adjust your stimulation
- Turn therapy off or on
- Change the therapy group (if applicable)
- Activate MRI mode and check MRI eligibility

The physical buttons on the programmer will not change your stimulation. This can only be done through the **My DBS Therapy** app.

To close an app, press **Browse open applications** and click Close all.

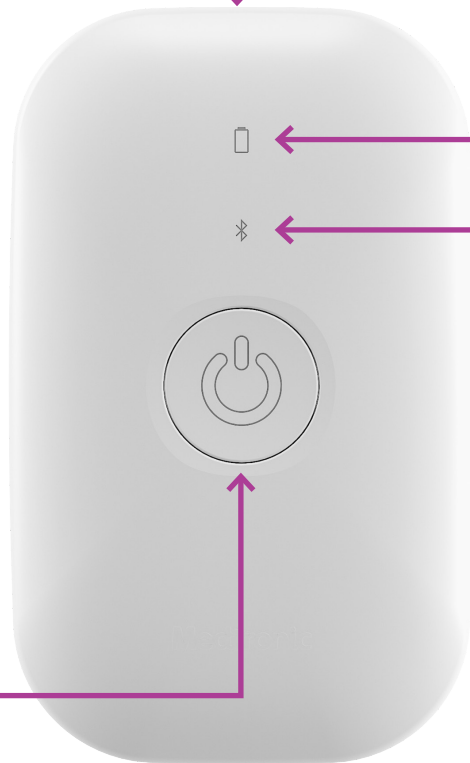
Your communicator



Use with your **My DBS Therapy** app

Charging port

Power button



Battery indicator lights:

- **Solid green:** Battery is ready for use
- ⚙️ **Blinks green:** Battery is charging
- ☀️ **Blinks yellow:** Battery is low
- ☀️ **Flashes yellow rapidly:** Battery is fully depleted and cannot be used

Bluetooth indicator lights:

- ⚙️ **Blinks blue:** Connecting in progress
- **Solid blue:** Connected to patient programmer

Always store your communicator with your patient programmer and keep them both charged. They do not need to be powered on in order for your therapy to work.

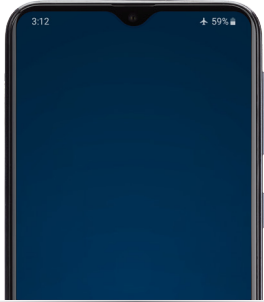
The communicator needs to be charged at least every 6 months, even if the device is not used.

The battery levels of your communicator and patient programmer do not reflect the battery level of your neurostimulator.

To turn on: Give the button a short press and release

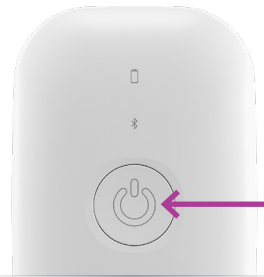
To turn off: Press and hold button until multiple colors flash simultaneously

View and manage your therapy



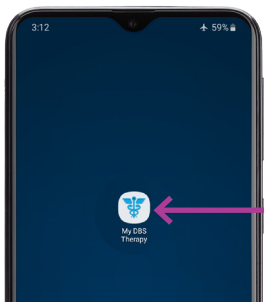
Power on your patient programmer

Press and hold the power button. To unlock the screen, swipe the blue Medtronic screen in any direction.



Power on your communicator

Give the power button a short press and release. The battery and bluetooth lights should blink.



On your patient programmer, tap the **My DBS therapy** app and tap **CONNECT**.

Home screen

Menu

Access additional app features.

Other device

Switch neurostimulators (only shows if you have two neurostimulators).

Battery status

Tap to view the status of all batteries.

EVENTS

Event recording.

THERAPY

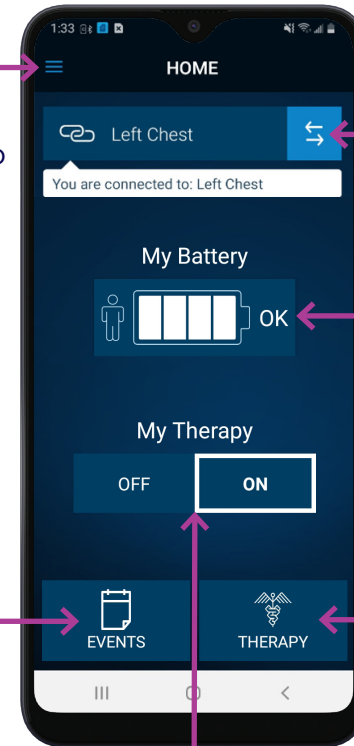
View or adjust your therapy.

My Therapy OFF/ON

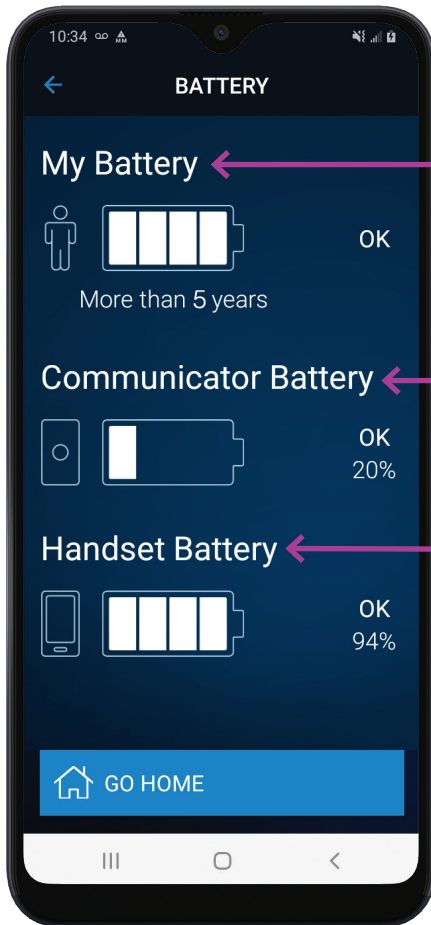
Turn therapy OFF and ON.

Effects of Turning Therapy Off – Warning: Avoid turning your therapy off without first talking with your clinician, because your symptoms might return. For some, this can cause a serious medical emergency. Refer to your therapy-specific patient booklet for more information.

Note: Depending on your settings, your HOME screen may not look exactly like this.



Check battery status



The **BATTERY** screen shows the status of three different batteries:

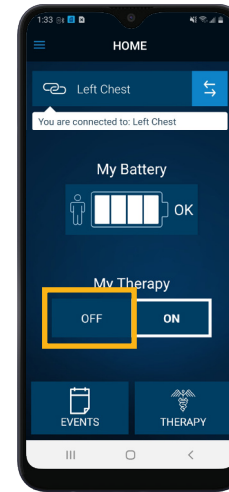
My Battery
Your neurostimulator implant

Communicator Battery
Device that communicates with your neurostimulator

Handset Battery
Also called the patient programmer

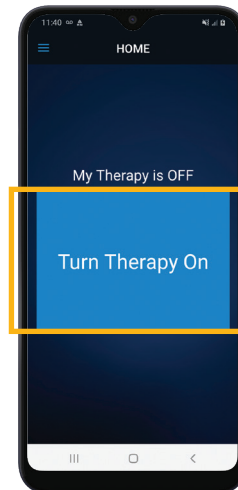
Note: If you have two neurostimulators implanted, you can view the battery level of the other device by switching to the other device.

Turn therapy off and on



To turn therapy off, on the **HOME** screen, tap the **OFF** button. In the pop up message, tap **TURN OFF THERAPY** to confirm your choice.

Note: You may need to place your communicator over your neurostimulator in order to turn your therapy OFF.

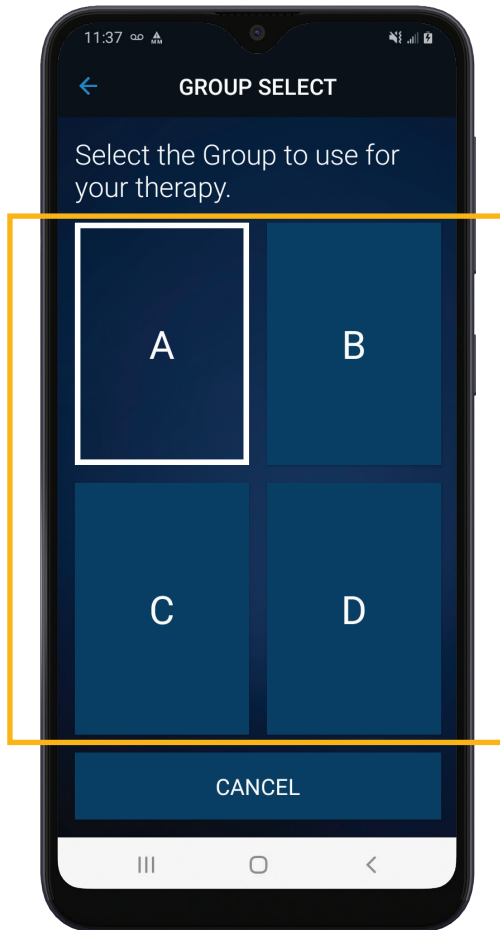


To turn therapy on, tap **Turn Therapy On**. You will return to your previous group settings.

Warning: Avoid turning your therapy off without first talking with your clinician, because your symptoms might return. For some, this can cause a serious medical emergency. Refer to your therapy-specific patient booklet for more information.

Change groups

Your clinician may have set up groups, which are pre-set therapy options that you can choose from. If available, changing groups is a way for you to adjust your therapy.



Tap on the **THERAPY** button on the HOME screen. Then tap the **GROUP** button (☑) on the top of the screen to see all the groups available to you.

After choosing a group, the THERAPY screen for that group will appear, meaning you have successfully changed groups. If you do not want to change to a different group, press **CANCEL**.

Adjust stimulation

If it is available, you can raise and lower the level of your therapy. You may not be able to adjust therapy. Your clinician will decide whether to provide you with this option.

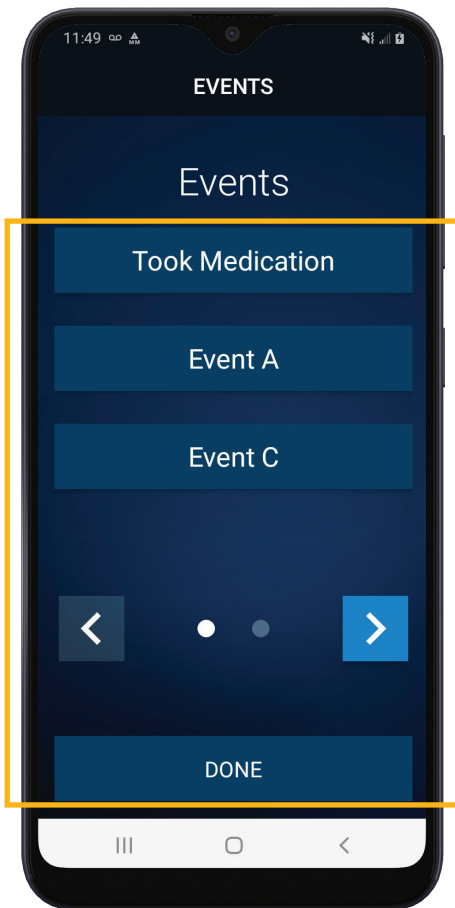


To adjust therapy, use the up and down arrows. Left will adjust stimulation on the left side of the body. Right will adjust stimulation on the right side of the body.

To revert to clinician-defined settings for the group, tap the **REVERT** button.

Record events

Your clinician may set up events for you to record (e.g., Took Medication). When you record an event, the app will automatically record other information, such as your current therapy settings, that may be helpful to your clinician.



On the **HOME** screen tap the **EVENTS** button.

On the EVENTS screen, tap an event button that you want to record and then tap **OK** on the EVENT RECORDED confirmation screen.

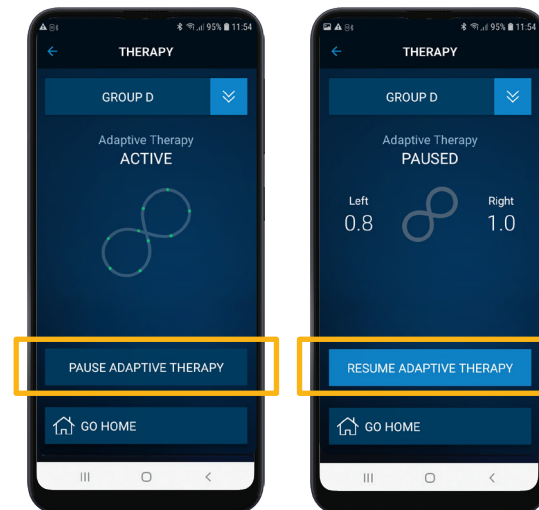
Adaptive therapy (aDBS)[†] for Parkinson's disease

If your clinician has enabled adaptive therapy, please find helpful information below.

Obtain your user guide by visiting [medtronic.com/patientmanuals](https://www.medtronic.com/patientmanuals), search for A620, select Parkinson's disease and then select the guide with adaptive therapy.

Pausing adaptive therapy

Pausing/resuming adaptive therapy is not the same as turning therapy off/on. When adaptive therapy is paused, the therapy will be delivered at settings your clinician has already set.



To pause adaptive therapy, press **PAUSE ADAPTIVE THERAPY**

To resume adaptive therapy, press **RESUME ADAPTIVE THERAPY**

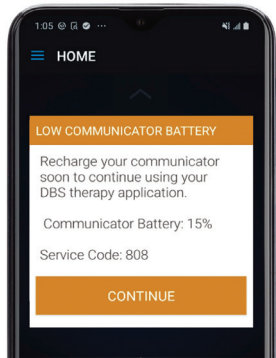
MRI

When in MRI mode, adaptive therapy is not available.

[†] Adaptive therapy (BrainSense™ Adaptive DBS (aDBS)) is for the Parkinson's disease indication only. Adaptive therapy is not used for all patients.

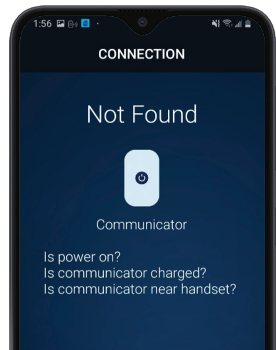
App notifications

If an alert screen pops up on the **My DBS Therapy** app, follow the on-screen instructions carefully. If you need help, contact your clinician or call Medtronic Patient Services at 800-510-6735, Monday-Friday, 8 a.m.-5 p.m. CT.



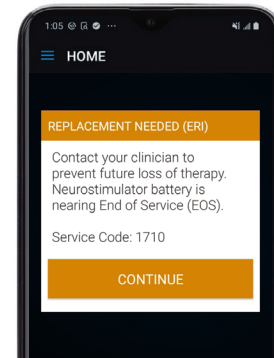
Low communicator battery

Recharge the communicator with the provided charging cable. You can use the communicator while it is charging.



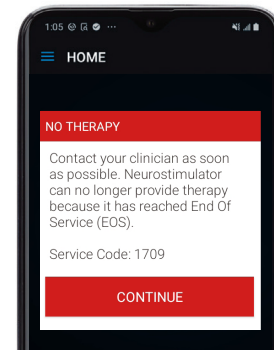
Communicator not found

Turn on your charged communicator, hold it near your patient programmer, then try again.



Replacement Needed (ERI)

Your neurostimulator battery is nearing end of service (EOS). Contact your DBS clinic and read the alert message to your clinician to prevent future loss of therapy.



End of service (EOS)

Your neurostimulator has reached its end of service (EOS) and is no longer providing therapy. If you see an EOS alert on your app, contact your DBS clinician immediately.

What if the **My DBS Therapy** app or programmer isn't responding?

First, make sure both the programmer and communicator are charged. If they are charged and the app or programmer is still unresponsive, restart the programmer by holding down the power button on the side of the programmer and tap RESTART to reboot it. If further assistance is needed, contact Medtronic Patient Services.

Commonly asked questions

Medical tests and procedures

Can I have an MRI?

Your Percept™ system can have a full-body MRI scan under certain conditions.† Your clinician will determine whether you meet those conditions and you will check your MRI eligibility on your patient programmer.

Will medical tests or procedures affect my therapy?

Make sure to inform all your doctors and medical professionals that you have an implanted DBS system. Most routine medical tests, such as X-rays, CT scans, and diagnostic ultrasounds, should not affect your therapy. Contact your clinician or Medtronic Patient Services at 800-510-6735 for more safety information.

Using and maintaining your system

Can I leave the patient programmer and communicator plugged into the wall?

To help preserve the batteries in your programmer and communicator, it is best to unplug accessories once they have reached a full charge. Just like your cell phone, regular recharging of your programmer and communicator are recommended to ensure they are available for use.

What if I lose one of my therapy accessories?

Contact Medtronic Patient Services at 800-510-6735 as soon as possible.

Travel

Should I take my patient programmer and communicator when I travel?

Yes. For convenience and device protection, keep your patient programmer and communicator in your carry-on during travel.

How should I go through airport security?

Show your patient ID card and ask to bypass the security system and undergo a manual search. If you must pass through the security device, approach the center of the device and walk normally. Refer to your patient therapy guide for more information.

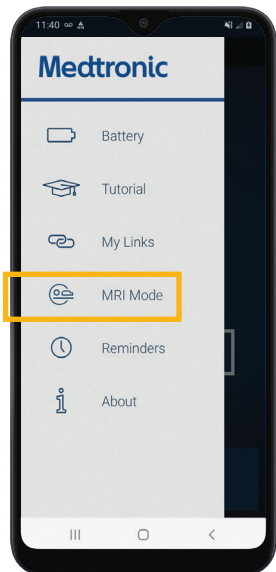
† Medtronic DBS Systems are MR Conditional. Refer to product labeling for full list of conditions.
<https://manuals.medtronic.com/manuals/mri/>

Getting an MRI

When you need an MRI (magnetic resonance imaging) scan, please do the following:

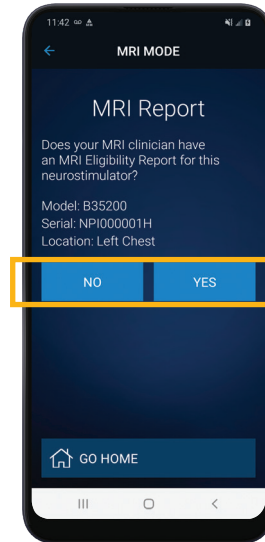
- Notify your DBS clinician before you have an MRI. MRI scans require MRI mode to be activated, which may affect your therapy. **Refer to your patient therapy guide and therapy-specific patient booklet for warnings, cautions, and important safety information about MRI scans.**
- Bring your charged patient programmer, charged communicator, and patient ID card to the MRI appointment. **Note:** Do not take your programmer or communicator into the MRI (magnet) room.
- If you have two neurostimulators, ensure that the following steps are followed for each device.

Before your MRI



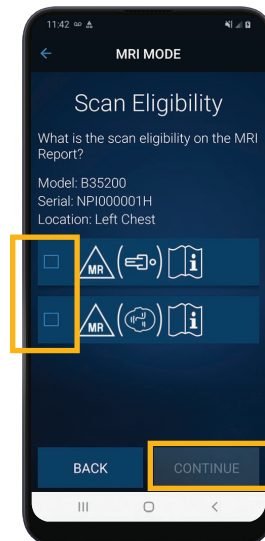
1. Charge your communicator and patient programmer. Then turn on your communicator and patient programmer.
2. Open the **My DBS Therapy** app on your programmer.
3. On the **HOME** screen, tap the **Menu** button (\equiv), tap **MRI Mode**, and then tap **CONTINUE**.

Need help with MRI mode or guidelines?
Call Medtronic Patient Services: **800-510-6735**



4. If you or the MRI clinician have an MRI report, tap **YES** and proceed to the next step (step 5).

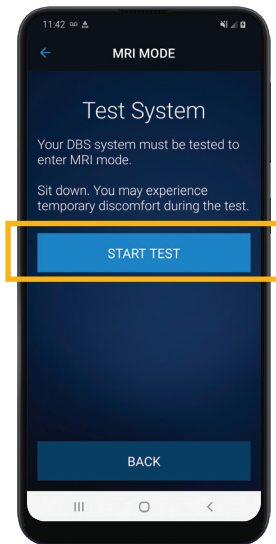
If you do not have an MRI report, tap **NO** and proceed to step 6.



5. If you tapped **YES** on the MRI Report screen, tap the scan eligibility type selected on your report (Full Body or Head Only), then tap **CONTINUE**.

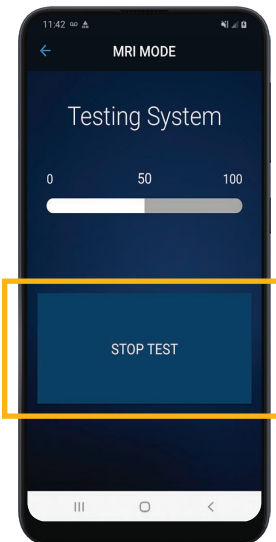
Proceed to step 8.

Getting an MRI



6. If you tapped **NO** on the MRI Report screen, the app will prompt you to test your system to determine your MRI eligibility. Tap **START TEST** on the **Test System** screen to continue with the test.

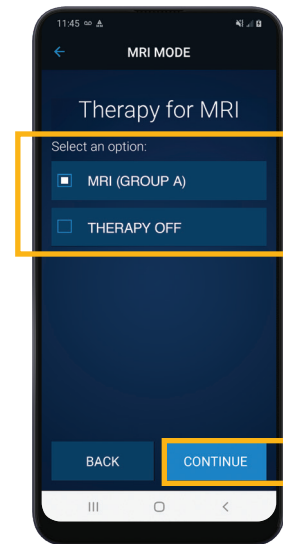
Note: Please sit down before you start the test. You may experience temporary discomfort during the test because the settings used may differ from your normal therapy settings.



7. Once the test starts, you can press **STOP TEST** at any time.

Notes: If you see the **MRI Mode Not Available** screen, contact your DBS clinician.

All implanted neurostimulators must be assessed for an MRI scan.



8. You will be asked to choose Therapy for MRI. Select a group (if one has been set by your DBS clinician) or select **THERAPY OFF**. Then tap **CONTINUE**.

Warning: Avoid turning your therapy off without first talking with your clinician, because your symptoms might return. For some, this can cause a serious medical emergency. Refer to your therapy-specific patient booklet for more information.



9. If this app only controls one neurostimulator, you will see the **MRI Mode Active** screen confirming your neurostimulator is in MRI Mode.
- This DBS system is now ready for an MRI scan.
10. When you are finished with the MRI scan, tap **EXIT MRI Mode**. Your neurostimulator will return to the previous group settings.

Depending on your settings, your MRI Mode Active and Therapy for MRI screens may not look exactly like the screens on this page.

Brief Statement: Medtronic DBS Therapy for Parkinson's Disease, Tremor, Dystonia, Obsessive Compulsive Disorder, and Epilepsy

Patients should always discuss the potential risks and benefits with a physician.

Medtronic DBS Therapy for Parkinson's Disease: Deep brain stimulation (DBS) helps control the movement symptoms of Parkinson's disease, including tremor, slowed movement, and stiffness. You may be a candidate for this therapy if you have had levodopa-responsive Parkinson's for at least 4 years and at least 4 months of movement symptoms not well controlled by medications or medication side effect such as unintended movements (dyskinesia).

Medtronic DBS Therapy for Tremor: Deep brain stimulation (DBS) delivers electrical stimulation to an area in the brain to help treat essential tremor. Electrical stimulation is only delivered to one side of the body and is used to treat tremor in one arm of the body. You may be a candidate for this therapy if you have essential tremor not adequately controlled by medications and the tremor is disabling.

Medtronic DBS Therapy for Dystonia*: Deep brain stimulation (DBS) Therapy for Dystonia is indicated for unilateral or bilateral stimulation of the internal globus pallidus (GPi) or the subthalamic nucleus (STN) as an aid in the management of chronic, intractable (drug refractory) primary dystonia, including generalized and/or segmental dystonia, hemidystonia, and cervical dystonia (torticollis) in patients seven years of age or above.

Medtronic Reclaim™ DBS Therapy for Obsessive-Compulsive Disorder*: The Medtronic Reclaim™ DBS Therapy is indicated for bilateral stimulation of the anterior limb of the internal capsule, AIC, as an adjunct to medications and as an alternative to anterior capsulotomy for treatment of chronic, severe, treatment-resistant obsessive-compulsive disorder (OCD) in adult patients who have failed at least three selective serotonin reuptake inhibitors (SSRIs).

Medtronic DBS Therapy for Epilepsy: Deep Brain Stimulation (DBS) Therapy for Epilepsy is an adjunctive therapy (used along with medications) that delivers electrical stimulation to an area in your brain to reduce the frequency of seizures. You may be a candidate for this therapy if you are 18 years of age or older and diagnosed with epilepsy characterized by partial-onset seizures, with or without secondary generalization, that are not adequately controlled by three or more antiepileptic medications. The Medtronic DBS System for Epilepsy has demonstrated safety and effectiveness for patients who average six or more seizures per month over the three most recent months prior to implant of the DBS system (with no more than 30 days between seizures). The Medtronic DBS System for Epilepsy has not been evaluated in patients with less frequent seizures.

Warning for Obsessive-Compulsive Disorder:

Electroconvulsive Therapy (ECT) - The safety of ECT in patients who have an implanted deep brain stimulation (DBS) system has not been established. Induced electrical currents may interfere with the intended stimulation or damage the neurostimulation system components resulting in loss of therapeutic effect, clinically significant undesirable stimulation effects, additional surgery for system explantation and replacement, or neurological injury.

Placing the DBS system requires brain surgery, which can have serious and sometimes fatal complications including bleeding inside the brain, stroke, seizures, and infection. Once implanted, infection may occur, parts may wear through your skin, and the lead and/or extension connector may move. Medtronic DBS Therapy could stop suddenly because of mechanical or electrical problems. Any of these situations may require additional surgery or cause symptoms to return, worsen or become life-threatening as with status dystonicus, which requires immediate medical treatment. Medtronic DBS Therapy may cause new or worsening neurological or psychiatric symptoms. For Epilepsy: cessation, reduction, or initiation of stimulation may potentially lead to an increase in seizure frequency, severity, and new types of seizures. Symptoms may return with an intensity greater than was experienced prior to system implant, including the potential for status epilepticus. Memory impairment has been reported, although no direct cause-and-effect relationship has been established.

In patients receiving Medtronic DBS Therapy for Parkinson's disease or essential tremor, new onset or worsening depression, suicidal thoughts, suicide attempts, and suicide have been reported. In patients receiving Medtronic DBS Therapy for Dystonia or Epilepsy, depression, suicidal thoughts, and suicide have been reported although no direct cause-and-effect relationship has been established. In patients receiving Medtronic DBS Therapy for Obsessive-Compulsive Disorder, depression, suicidal thoughts, and suicide have been reported.

This therapy is not for everyone. Implantation of a DBS system is contraindicated (not allowed) for patients who will be exposed to diathermy (deep heat treatment) or transcranial magnetic stimulation. Magnetic Resonance Imaging (MRI) should only be performed as described in the product labeling. The DBS system may interact with other medical devices and other sources of electromagnetic interference which may result in serious patient injury or death, system damage or changes to the neurostimulator or to stimulation.

A prescription is required. Not everyone who receives DBS Therapy will receive the same results.

***Humanitarian Device:** Authorized by Federal Law as an aid in the management of chronic, intractable (drug refractory) primary dystonia, including generalized and/or segmental dystonia, hemidystonia, and cervical dystonia (torticollis), in patients seven years of age or above. The effectiveness of the devices for treating these conditions has not been demonstrated. Authorized by Federal law for use as an adjunct to medications and as alternative to anterior capsulotomy for treatment of chronic, severe, treatment-resistant obsessive-compulsive disorder (OCD) in adult patients who have failed at least three selective serotonin reuptake inhibitors (SSRIs). The effectiveness of the devices for this use has not been demonstrated.

Rev 02/22

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