

DAILY GUIDE FOR DUOPA



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This guide is not intended to be a substitute for training and discussions with your healthcare provider. Be sure to discuss your medical concerns with your healthcare provider.

Use

DUOPA (carbidopa and levodopa) enteral suspension is a prescription medicine used for treatment of advanced Parkinson's disease. DUOPA contains two medicines: carbidopa and levodopa.

Important Safety Information

What is the most important safety information I should know about DUOPA?

- Stomach and intestine (gastrointestinal) problems and problems from the procedure you will need to have to receive DUOPA (gastrointestinal procedure-related problems) may occur. Some of these problems may require surgery and may lead to death.
 - Serious side effects may include: a blockage of your stomach or intestines (bezoar); stopping movement through intestines (ileus); drainage, redness, swelling, pain, feeling of warmth around the small hole in your stomach wall (stoma); bleeding from stomach ulcers or your intestines; inflammation of your pancreas (pancreatitis); infection in your lungs (pneumonia); air or gas in your abdominal cavity; skin infection around the intestinal tube, pocket of infection (abscess), or infection in your blood (sepsis) or abdominal cavity may occur after surgery; stomach pain, nausea, or vomiting.
- Tell your healthcare provider right away if you have any of the following symptoms of stomach and intestine problems and gastrointestinal procedure-related problems: stomach (abdominal) pain; constipation that does not go away; nausea or vomiting; fever; blood in your stool; or a dark tarry stool.

Your healthcare provider will talk to you about the stoma procedure. **Before the stoma procedure,** tell your healthcare provider if you ever had a surgery or problems with your stomach.

Continued on the following page.

Please see full Prescribing Information, Medication Guide, and Patient Instructions for Use at https://www.rxabbvie.com/pdf/duopa_pi.pdf



Important Safety Information (continued)

Talk to your healthcare provider about what you need to do to care for your stoma. After the procedure, you and your healthcare provider will need to regularly check the stoma for any signs of infection.

Do not take DUOPA if you currently take or have recently taken (within 2 weeks) a medication for depression called a non-selective monoamine oxidase (MAO) inhibitor. Ask your healthcare provider or pharmacist if you are not sure if you take an MAO inhibitor.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Using DUOPA with certain other medicines, including medications for high blood pressure, MAO inhibitors, antipsychotics, metoclopramide, isoniazid, and iron or vitamin supplements, may cause serious side effects. Highprotein foods may affect how DUOPA works. Tell your healthcare provider if you change your diet.

DUOPA may cause serious side effects. Talk to your doctor before starting DUOPA and while on DUOPA if you have had or have any of these:

- Falling asleep during normal daily activities without warning. DUOPA may cause you to fall asleep while you are doing daily activities such as driving, which may result in an accident. This can happen as late as one year after starting DUOPA. Do not drive or operate machinery until you know how DUOPA affects you. Tell your healthcare provider if you take medicines that can make you sleepy, such as sleep medicines, antidepressants, or antipsychotics.
- Low blood pressure when you stand or sit up quickly. After you have been sitting or lying down, stand up slowly to help reduce dizziness, nausea, sweating, or fainting until you know how DUOPA affects you.
- Seeing, hearing, or feeling things that are not real (hallucinations).
- Unusual urges. Some people taking medicines for Parkinson's disease, including DUOPA, have reported urges such as excessive gambling, compulsive eating, compulsive shopping, and increased sex drive.

Important Safety Information (continued)

- Depression and suicide. DUOPA can cause or worsen depression. Pay close attention to changes in your mood, behavior, thoughts, or feelings. Call your healthcare provider right away if you feel depressed or have thoughts of suicide.
- Uncontrolled sudden movements (dyskinesia). If you have new dyskinesia or your dyskinesia gets worse, tell your healthcare provider. This may be a sign that your dose of DUOPA or other Parkinson's medicines may need to be adjusted.
- Progressive weakness or numbness or loss of sensation in the fingers or feet (neuropathy).
- Heart attack or other heart problems. Tell your healthcare provider if you have experienced increased blood pressure, a fast or irregular heartbeat, or chest pain.
- Abnormal blood tests. DUOPA may cause changes in certain blood tests, especially certain hormone and kidney function blood tests.
- Worsening of the increased pressure in your eyes (glaucoma).
 The pressure in your eyes should be checked after starting DUOPA.

Do not stop using DUOPA or change your dose unless you are told to do so by your healthcare provider. Tell your healthcare provider if you develop withdrawal symptoms such as fever, confusion, or severe muscle stiffness.

The most common side effects of DUOPA include: complications of tubing placement procedure, swelling of legs and feet, nausea, high blood pressure (hypertension), depression, and mouth and throat pain.

Please see the full Prescribing Information including Medication Guide for additional information about DUOPA. Talk to your healthcare provider if you have questions.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch or call 1-800-FDA-1088.

If you are having difficulty paying for your medicine, AbbVie may be able to help. Visit AbbVie.com/myAbbVieAssist to learn more.

Please see full Prescribing Information, Medication Guide, and Patient Instructions for Use at https://www.rxabbvie.com/pdf/duopa_pi.pdf



How to reach your team

Make it easy to reach your team. Fill in the blanks and keep this handy.

		Name
	Your treatment team	
1	PD Specialist/Neurologist	
2	Movement Disorder Specialist	
3	Proceduralist*	
4	Primary Care Provider (PCP)	
5	Nurse or Nurse Practitioner (NP)	
6	Physician Assistant (PA)	
7	Physical Therapist	
8	Occupational Therapist	
	AbbVie support system	
9	My Nurse Ambassador ⁺	
10	After-hours nurse line	
11	Peer Mentor Program	
12	Specialty pharmacy	
13	Reimbursement specialist	

PD=Parkinson's disease

*The specialist who will be performing your percutaneous endoscopic gastrostomy with jejunal tube (PEG-J) procedure.

[†]Nurse Ambassadors do not give medical advice and will direct you to your healthcare professional for any treatment-related questions.

How to reach your team (continued)

Support for every step of your treatment journey

Call 1-844-438-6721

DUO::: CONNECT complete

Monday–Friday, 8:00 AM to 8:00 PM ET. After-hours and holiday calls will be returned within

one hour. For urgent medical emergencies, call your healthcare provider or 911.

	Phone	Address
1		
2		
3		
4		
5		
6		
7		
8		
9		
10	1-844-386-4968	
11	1-855-776-8966	
12		
13	1-844-386-4968	



STOMA CARE

Taking care of your stoma

Your proceduralist should give you specific instructions on stoma care. Be sure to follow that advice.

Long-term administration of Duopa requires a procedure to make a small hole (called a stoma) in your stomach wall to place a Percutaneous Endoscopic Gastrostomy with Jejunal tube, or PEG-J tube, into your small intestine.

- This procedure allows the medication to flow from the cassette into your body.
- It's performed by a specialist experienced in this procedure.

This allows Duopa to be delivered by pump through the tube into the intestine.

Follow your proceduralist's specific instructions on how to care for your stoma after the procedure.

A nurse will visit your home to review your proceduralist's instructions on how to clean and dress the stoma area, too.

Important Safety Information

After the procedure, you and your healthcare provider will need to regularly check the stoma for any signs of infection.

• Symptoms of infection may include: drainage, redness, swelling, pain, or feeling of warmth around the small hole in your stomach wall (stoma).

Tell your healthcare provider right away if you have any of the following symptoms of stomach and intestine problems and gastrointestinal procedure-related problems: stomach (abdominal) pain; constipation that does not go away; nausea or vomiting; fever; blood in your stool; or a dark tarry stool.

The first 24 to 72 hours

Change your dressing according to your proceduralist's instructions. Be sure to tell your proceduralist if you have any pain or bleeding. As soon as your proceduralist examines the stoma and decides you're ready, your treatment with Duopa may start. If you have any questions about your stoma, please call your proceduralist. If you have additional questions about your tubing, you can call your Nurse Ambassador.

- The triangular external fixation device should be left in place under moderate tension for 24 to 72 hours post-procedure; follow up with your doctor for guidance
- Avoid in/out movement of the PEG tube for the first 72 hours after the procedure
- Do not rotate the tubing
- Do not use petroleum-based ointments, as they may cause the external fixation plate to slip

Ask your proceduralist when you can shower or bathe after the procedure.

Generally, you may shower about 48 hours after the procedure if your stoma is not irritated, and you may bathe 2 weeks after the procedure if your stoma is healed and your healthcare provider gives approval.



The first week

Here are some basic guidelines for daily care during your first week. It's a new routine, but you'll get used to it. Remember, if you have any additional questions, you can call your proceduralist and also your Nurse Ambassador.



Prepare

First, wash your hands and place everything you need on a clean, sterile surface. Then open your dressing packs. With clean hands, remove and throw away the existing dressing.



Remove tubing

Next, open the external retention plate and release the tubing from the plate.



Clean and dry the stoma

Inspect, clean, and dry the stoma completely according to your proceduralist's instructions. Don't use ointments with polyvidone/iodine, which can damage the tube.



Replace the dressing

Once the stoma area is clean and dry, replace the external retention plate, allowing 1/5 inch to 1/3 inch (0.5 to 1 cm) between the plate and the skin of your stomach.

Then place a new, sterile dressing over (not under) the external retention plate.

Secure the dressing per your healthcare provider's instructions.

After your stoma has healed

The skin around the stoma will heal over time, but the stoma will stay open to allow the tube to pass through it.

When the stoma has healed, gently move the tube in and out about 1½ to 1½ inches (3 to 4 cm), without twisting or turning. Pull the AbbVie PEG Tube gently until you feel resistance from the internal retention plate. Then place the fixation plate back, and fix in position with $\frac{1}{5}$ to $\frac{1}{3}$ inch (0.5 to 1 cm) of room between the plate and the skin of your stomach.

Do this every time the dressing is changed.

Do not twist the tube.

It's important for you to always follow instructions from your proceduralist.



Stoma Care Tips

- Keep stoma clean and dry. Use mild soap and water to cleanse it daily
- Don't use products that contain alcohol, iodine, or petroleum. They may damage the tube
- Don't twist the tube. Tell your proceduralist if the plate outside your body that holds the tube in place seems too loose or too tight
- Tell your proceduralist right away if you have pain, redness, or drainage, which may be signs of infection

Talk to your healthcare provider about what you need to do to care for your stoma. After the procedure, you and your healthcare provider will need to regularly check the stoma for any signs of infection.

 Symptoms of infection may include: drainage, redness, swelling, pain, or feeling of warmth around the small hole in your stomach wall (stoma)

Important Safety Information

- Stomach and intestine (gastrointestinal) problems and problems from the procedure you will need to have to receive DUOPA (gastrointestinal procedure-related problems) may occur. Some of these problems may require surgery and may lead to death.
 - Serious side effects may include: a blockage of your stomach or intestines (bezoar); stopping movement through intestines (ileus); drainage, redness, swelling, pain, feeling of warmth around the small hole in your stomach wall (stoma); bleeding from stomach ulcers or your intestines; inflammation of your pancreas (pancreatitis); infection in your lungs (pneumonia); air or gas in your abdominal cavity; skin infection around the intestinal tube, pocket of infection (abscess), or infection in your blood (sepsis) or abdominal cavity may occur after surgery; stomach pain, nausea, or vomiting.

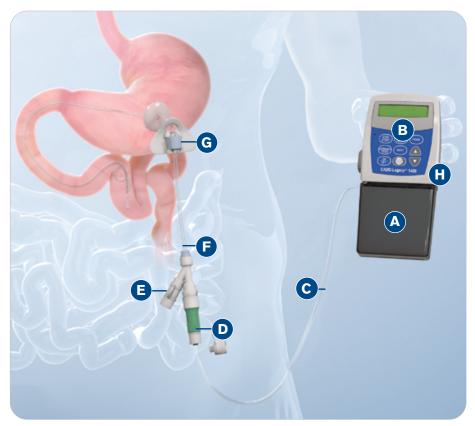
Your healthcare provider will talk to you about the stoma procedure. **Before the stoma procedure,** tell your healthcare provider if you ever had a surgery or problems with your stomach.



DUOPA DAILY ROUTINE

Your Duopa pump and tubing

Here's what your pump, tubing, and other components look like. If any of your components do not look like these, please contact your proceduralist.



This image is for illustration purposes and is not to size

Your Duopa pump and tubing (continued)

Review the Instructions for Use and Medication Guide that accompany this brochure.

- A Duopa cassette
- B Pump
- C Duopa cassette tube
- **D** Straight green connector
- E Angled connector*
- **F** Stomach tube
- G Stoma site
- Duopa cassette latch

*Your angled connector may be white, blue, or violet.



Understanding your daily dose

Duopa is delivered in doses set by your healthcare provider. Your healthcare provider will program your pump to deliver specific dosage amounts. Please don't attempt to change the settings on your pump unless instructed to do so by your healthcare provider.

Each day you'll have a Morning Dose, a Continuous Dose, and the option for Extra Doses. Your healthcare provider will decide whether you need Extra Doses.



Morning Dose

This first dose takes about 10 to 30 minutes to be delivered.

Continuous Rate

This dose will start automatically after the morning dose and is given continuously over 16 hours.



Extra Doses

Duopa has an Extra Dose function that can be used to manage "off" symptoms that are not controlled by the Morning Dose and the Continuous Dose administered over 16 hours.

Tell your healthcare provider how often you need to use the Extra Dose. He or she may need to change your Continuous Dose.

Important Safety Information

Do not stop using DUOPA or change your dose unless you are told to do so by your healthcare provider. Tell your healthcare provider if you develop withdrawal symptoms such as fever, confusion, or severe muscle stiffness.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Using DUOPA with certain other medicines, including medications for high blood pressure, MAO inhibitors, antipsychotics, metoclopramide, isoniazid, and iron or vitamin supplements, may cause serious side effects. High-protein foods may affect how DUOPA works. Tell your healthcare provider if you change your diet.



Morning procedure

Here's how to get started in the morning with Duopa. Be sure to always wash your hands thoroughly before you begin. Remember, if you have any questions, you can always call your Nurse Ambassador or your healthcare provider.

0

Throughout this guide, you'll see messages that begin with this symbol. Pay special attention to these messages, as they are for your safety.



Take the Duopa carton containing the Duopa cassettes out of the refrigerator

Check the expiration date on the carton. Do not use the cassette if the expiration date has passed or the cassette is damaged or empty.

Take a Duopa cassette out of the carton.Return the carton with the remainingcassettes to the refrigerator. Leave theDuopa cassette at room temperature for20 minutes before using.

Each Duopa cassette may be used for up to 16 hours after removal from the refrigerator. Put carton back in the refrigerator.

Use only Duopa cassettes to make sure the pump works correctly.

Important Safety Information

Do not take DUOPA if you currently take or have recently taken (within 2 weeks) a medication for depression called a non-selective monoamine oxidase (MAO) inhibitor. Ask your healthcare provider or pharmacist if you are not sure if you take an MAO inhibitor.



Remove the cassette clip

Remove the cassette tube from its slot in the clip.

Pull the clip from cassette to slide it off the cassette top.



Attach the Duopa cassette to the pump

Hold the pump so the latch faces up.

Hold the Duopa cassette so the tube points down.

Insert the Duopa cassette hooks into the hinge pins at the base of the pump.



Latch the Duopa cassette into the pump

Hold the pump and Duopa cassette upright against a flat surface.

Press down on the pump, until the Duopa cassette fits tightly against the pump.

Use a coin to twist the latch counterclockwise until the latch lines up straight with the arrow.

Attach the Duopa cassette correctly. A detached or incorrectly attached cassette could cause a problem with getting your Duopa.

Continued on the following page.





Remove the red cap on the end of the cassette tube

Save the red cap for use when you throw away the cassette.

Do not connect the red cap to the stomach tube. It will block Duopa flow.



Connect the stomach tube to the cassette tube

While holding the stomach tube steady, twist off the white cap on the end of the straight green connector.

Do not twist the stomach tube.

Connect the cassette tube to the end of the straight green connector.

Do not connect to the angled connector.



Turn the pump on

Press and hold **ON/OFF** until the display turns on.

Wait approximately **30** seconds for the pump to review settings.

Check for "STOPPED" on the screen.

PUMP STATUS: The pump is now on but not yet delivering Duopa.



Inspect the tubing for kinks or closed clamps

Straighten kinks (if needed) and open clamp.



Start the pump

Press and **hold START/STOP** until **3** dashes appear and then disappear from the screen.

Wait approximately **15** seconds for the pump to start running.

Check for "**RUN**" on the display.

PUMP STATUS: The pump is now running. Duopa delivery will begin as programmed by your healthcare provider. If the pump will not start, a message should appear on the display. Refer to the **Alarms and Messages** section on **pages 56-58.**

Continued on the following page.





The first key press shows the Morning Dose on the display

Press MORNING DOSE.

Check for "**MORNING DOSE**" on the display. The number on your display is the Morning Dose of Duopa your healthcare provider prescribed for you.



The second key press starts Morning Dose delivery

Press **MORNING DOSE** a second time to deliver the Morning Dose.

The display "**MORNING DOSE**" shows a countdown of your Morning Dose.

PUMP STATUS: After the Morning Dose finishes, the pump will automatically begin delivering the Continuous Rate. "**RUN**" will appear on the display. This completes Duopa delivery for your Morning Procedure.

It will take about 10 minutes to 30 minutes to deliver your Morning Dose. To start delivery of your Morning Dose, you will need to press the Morning Dose key 2 times.

NOTE: If you are unable to deliver your Morning Dose, it may be too soon since the last Morning Dose to deliver another dose. You may need to wait longer. The time between Morning Doses is decided by your healthcare provider.



Put the pump into the carrying case

Make sure the pump is in correct position.



Temporary disconnection of pump



Remove the pump from the carrying case



Stop the Continuous Rate

Press and **hold STOP/START** until **3** dashes appear and then disappear from the display.

Check for "STOPPED" on the display.



Turn the pump off

Press and **hold ON/OFF** until **3** sets of dots appear and then disappear from the display and the display turns off.

Check that the display is off.

Temporary disconnection of pump (continued)



Clamp the cassette tube



Disconnect the tubing

Twist the cassette tube to disconnect it from the straight green connector.

Do not twist the stomach tube.

Replace the red cap on the cassette tube.

While holding the stomach tube steady, twist the white cap onto the end of the straight green connector.

Do not twist the stomach tube.

If you have additional questions about tube placement, flushing the tube, or securing the tubing after you disconnect your pump, ask your healthcare provider.

Instructions for reconnecting the pump are on the next page.



Reconnecting pump after temporary disconnection



Remove the red cap on the end of the cassette tube

Save the red cap for use when you throw away the cassette.

Do not connect the red cap to the stomach tube. It will block Duopa flow.



Connect the stomach tube to the cassette tube

While holding the stomach tube steady, twist off the white cap on the end of the straight green connector.

Do not twist the stomach tube.

Connect the cassette tube to the end of the straight green connector.

Do not connect to the angled connector.



Turn the pump on

Press and hold **ON/OFF** until the display turns on.

Wait approximately **30** seconds for the pump to review settings.

Check for "STOPPED" on the screen.

PUMP STATUS: The pump is now on but not yet delivering Duopa.



Inspect the tubing for kinks or closed clamps

Straighten kinks (if needed) and open clamp.

Reconnecting pump after temporary disconnection (continued)



Start the pump

Press and **hold START/STOP** until **3** dashes appear and then disappear from the screen.

Wait approximately **15** seconds for the pump to start running.

Check for "RUN" on the display.

PUMP STATUS: The pump is now running. Duopa delivery will begin as programmed by your healthcare provider. If the pump will not start, a message should appear on the display. Refer to the **Alarms and Messages** section on **pages 56-58.**



Put the pump into the carrying case Make sure the pump is in correct position.

If you stop Duopa for less than 2 hours, you do not need to take carbidopa/levodopa pills, but your healthcare provider may tell you to take an extra dose of Duopa.

If you need to stop Duopa for more than 2 hours during the day, please contact your healthcare provider and take your carbidopa/levodopa pills as prescribed.



Extra Dose



Give an Extra Dose of Duopa

Check for "RUN" on the display.

Press EXTRA DOSE.

Listen for 2 beeps.

The display will show "DOSE."

PUMP STATUS: The pump is now delivering the Extra Dose. When it finishes, "**RUN**" will appear on the display and the Continuous Rate will continue to run.

NOTE: If you are unable to deliver the Extra Dose, it may be too soon since the last Extra Dose to deliver another and you may need to wait longer. The time between Extra Doses and the amount of Duopa in the Extra Dose are decided by your healthcare provider.

For instructions on changing a Duopa cassette, see pages 38-43.

Important Safety Information

Uncontrolled sudden movements (dyskinesia). If you have new dyskinesia or your dyskinesia gets worse, tell your healthcare provider. This may be a sign that your dose of DUOPA or other Parkinson's medicines may need to be adjusted.

You will need:

- 1 syringe
- I syringe connector or adapter
- Room-temperature water
- I coin, like a quarter



Remove the pump from the carrying case



Stop the Continuous Rate

Press and **hold STOP/START** until **3** dashes appear and then disappear from the display.

Check for "STOPPED" on the display.

Continued on the following page.





Turn the pump off

Press and **hold ON/OFF** until **3** sets of dots appear and then disappear from the display and the display turns off.

Check that the display is off.



Clamp the cassette tube



Disconnect the tubing

Twist the cassette tube to disconnect it from the straight green connector.

Do not twist the stomach tube.

Replace the red cap on the cassette tube.



Flush the straight green connector

Fill a syringe with 10 mL of room-temperature tap or drinking water. **Do not use hot water as it could burn the wall of your stomach or intestine.** Connect the syringe connector to the straight green connector first, then connect the syringe to the syringe connector and flush using firm and steady pressure.

Refill the same syringe with 10 mL of water and repeat flush. Replace the white cap on the straight green connector.

Note: The first time you flush the tubing after starting Duopa, you may notice it takes more pressure to flush, as the medication is a suspension.

Do not force the syringe if flushing the tube is difficult. Call your healthcare provider if you are unable to flush or have difficulty flushing your tube. Remove the syringe and the syringe connector or adaptor.

Continued on the following page.





Flush the angled connector

Twist the cap off the angled connector.*

Refill the same syringe with 10 mL of water, connect the syringe connector to the angled connector, then connect the syringe to the syringe connector and flush using firm and steady pressure. **Do not use hot water as it could burn the wall of your stomach or intestine.**

Refill the same syringe with 10 mL of water and repeat flush. Replace the white cap on the angled connector.

Do not force the syringe if flushing the tube is difficult. Call your healthcare provider if you have difficulty flushing your tube. Do not overtighten the syringe connector, as it could break. Do not use a broken syringe connector.

*Your angled connector may be white, blue, or violet.



Remove the Duopa cassette from the pump

Hold the pump and Duopa cassette upright against a flat surface.

Use a coin to twist the latch clockwise until the latch pops out.

Remove the Duopa cassette from the pump.

If you have additional questions about securing the tubing after you disconnect your pump, ask your healthcare provider.



Changing the batteries

Change the batteries once a week or if you see **"LowBat"** or **"Battery Depleted"** on the display. Use **2** new **AA** alkaline batteries, such as Duracell[®] CopperTop or Energizer[®] Max. The pump keeps all the important information when the batteries are removed.

• Always have new batteries available for replacement. If power is lost, Duopa will not be delivered.

If the pump is dropped or hit, the battery door or tabs may break. Do not use the pump if the battery door or tabs are damaged because the batteries will not be correctly secured. This may lead to loss of power and Duopa will not be delivered.

If a gap is present anywhere between the battery door and the pump housing, the door is not correctly latched. If the battery door becomes detached or loose, the batteries will not be correctly secured. This could cause loss of power and Duopa will not be delivered.

CAUTION:

- Do not use rechargeable nickel-cadmium (NiCd) or nickel-metal hydride (NiMH) batteries. Do not use carbon-zinc (heavy duty) batteries. They do not provide enough power for the pump to operate correctly
- Do not store the pump for prolonged periods of time with the batteries installed. Battery leakage could damage the pump
- The life of the batteries is dependent on the amount of medication delivered, delivery rate, battery age, and the temperature. The power of batteries will be quickly depleted at temperatures below 50 degrees F (10 degrees C)

Changing the batteries (continued)



Ensure the pump is stopped



Push and hold the arrow button while sliding the battery door until it comes completely off the pump

TIP: Use a silicone jar opener or similar gripper to slide the battery door open.



Remove the used batteries

Continued on the following page.



Changing the batteries (continued)



Install new batteries into the battery compartment

NOTE: Insert the batteries correctly based on the picture in the battery compartment. If you insert the batteries backwards, the display will remain blank. Reinsert the batteries, making sure to match the + and – markings with the battery compartment picture.



Listen for a beep

PUMP STATUS: The pump is now powered. The power-up sequence will start, the pump will go through an electronic self-test, and then the pump will beep **6** times at the end of the power-up sequence. All of the display indicators, the software revision, and each setting will appear briefly.

If you do not hear a beep and the display is off, the pump is not powered. Check that the batteries are correctly inserted.

Changing the batteries (continued)



Slide the battery door back onto the pump into its original closed position



Changing the Duopa cassette

If your healthcare provider has instructed you to change your cassette, use the following procedure at the appropriate time.



Take the Duopa carton containing the Duopa cassette out of the refrigerator

Check the expiration date on the carton. Do not use the cassette if the expiration date has passed or the cassette is damaged or empty. Take a Duopa cassette out of the carton. Return the carton with the remaining cassettes to the refrigerator.

Leave the Duopa cassette at room temperature for 20 minutes before using.

Each Duopa cassette may be used for up to **16** hours after removal from the refrigerator. Put carton back in the refrigerator.

Use only Duopa cassettes to make sure the pump works correctly.



Remove the pump from the carrying case

Continued on the following page.



Stop the Continuous Rate

Press and **hold STOP/START** until **3** dashes appear and then disappear from the display.

Check for "STOPPED" on the display.



Turn the pump off

Press and **hold ON/OFF** until **3** sets of dots appear and then disappear from the display and the display turns off.

Check that the display is off.



Clamp the cassette tube

Continued on the following page.





Disconnect the tubing

Twist the cassette tube to disconnect it from the straight green connector.

Replace the red cap on the cassette tube.

WARNING: Do not twist the stomach tube.



Remove the Duopa cassette from the pump

Hold the pump and Duopa cassette upright against a flat surface.

Use a coin to twist the latch clockwise until the latch pops out.

Remove the Duopa cassette from the pump.



Remove the cassette clip on the new Duopa cassette

Remove the cassette tube from its secured slot in the clip.

Pull the clip from the cassette to slide it off the cassette top.

Continued on the following page.



Attach the new Duopa cassette to the pump

Hold the pump so that the latch faces up. Hold the Duopa cassette so that the tube points down.

Insert the Duopa cassette hooks into the hinge pins at the base of the pump.



Latch the new Duopa cassette into the pump

Hold the pump and Duopa cassette upright against a flat surface.

Press down on the pump until the Duopa cassette fits tightly against the pump.

Use a coin to twist the latch counterclockwise until the latch lines up straight with the arrow.

Attach the Duopa cassette correctly. A detached or incorrectly attached cassette could cause a problem with getting your Duopa.

Continued on the following page.





Remove the red cap on the end of the cassette tube

Save the red cap to use when discarding the cassette.

Do not connect the red cap to the stomach tube as it will block Duopa flow.



Connect the stomach tube to the cassette tube

While holding the stomach tube steady, twist off the white cap on the end of the straight green connector.

Do not twist the stomach tube.

Connect the cassette tube to the end of the straight green connector.

Do not connect to the angled connector.



Turn the pump on

Press and **hold ON/OFF** until the display turns on.

Wait approximately **30** seconds for the pump to review settings.

Check for "STOPPED" on the display.

PUMP STATUS: The pump is now on but not delivering Duopa.

Continued on the following page.



Inspect the tubing for kinks or closed clamps Straighten kinks (if needed) and open clamp.



Start the pump

Press and **hold STOP/START** until **3** dashes appear and then disappear from the display.

Wait approximately **15** seconds for the pump to start running.

Check for "**RUN**" on the display.

PUMP STATUS: The pump is now running.



Put the pump into the carrying case

Make sure the pump is in correct position.



TIPS FOR USING DUOPA

Making Duopa part of your day

Duopa and bathing

Once the stoma is fully healed, you can bathe and shower as usual. Never let the pump get wet. You'll need to detach the pump before you shower, bathe, or swim. Reattach the pump to the stomach tubing afterward and restart it.

If you stop Duopa for less than 2 hours, you do not need to take carbidopa/levodopa pills, but your healthcare provider may tell you to take an extra dose of Duopa.

If you need to stop Duopa for more than 2 hours during the day, please contact your healthcare provider and take your carbidopa/levodopa pills as prescribed.

Important Safety Information

Do not stop using DUOPA or change your dose unless you are told to do so by your healthcare provider. Tell your healthcare provider if you develop withdrawal symptoms such as fever, confusion, or severe muscle stiffness.

Making Duopa part of your day (continued)

Duopa and additional medication

Your healthcare provider will most likely prescribe carbidopa/levodopa pills along with Duopa. Be sure to always have this prescription filled and have the pills available in case:

- Your pump stops working or needs to be disconnected
- You need to pause your treatment for an extended time
- You need help controlling symptoms at night, after you disconnect your pump

Always follow your healthcare provider's instructions.

Duopa and diet

Foods high in protein may change how Duopa works. Talk to your healthcare provider about your diet and any changes you may want to make.

Important Safety Information

Do not take DUOPA if you currently take or have recently taken (within 2 weeks) a medication for depression called a non-selective monoamine oxidase (MAO) inhibitor. Ask your healthcare provider or pharmacist if you are not sure if you take an MAO inhibitor.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Using DUOPA with certain other medicines, including medications for high blood pressure, MAO inhibitors, antipsychotics, metoclopramide, isoniazid, and iron or vitamin supplements, may cause serious side effects. High-protein foods may affect how DUOPA works. Tell your healthcare provider if you change your diet.



Traveling with Duopa

Before you travel, talk to your healthcare provider about your plans and ask about items you will need to pack. Bring your carbidopa/levodopa pills to take at night or if the pump stops working. If you're traveling for an extended time, call your specialty pharmacy to ask about having more cassettes and batteries shipped to your destination.

When you travel, carry your refrigerated Duopa cassettes in the cooler provided by AbbVie with cool packs that will keep the cassettes between 36°F and 46°F (2°C and 8°C). Freezer packs should be frozen or solid when you go through security. If your cassettes don't remain at the right temperature, call your specialty pharmacy.



Flying smart

Before you fly:

- Call the airline to alert them that you use a medical device
- Ask your healthcare provider about flying with Duopa
- Give yourself plenty of time to get through security

Expect security personnel to have questions about Duopa equipment. Call the Transportation Security Administration (TSA) at 855-787-2227 at least 72 hours before your flight to tell them that you use a medical pump with metal parts. They will help you prepare for the security checkpoint. Also, bring the TSA card with you.

Traveling with Duopa (continued)

X-ray exposure

Since the sensitivity of metal detectors vary, your pump may or may not set one off. The amount of incidental metal you wear (jewelry, watches, coins, etc.) when added to the amount of metal in a CADD[®] pump may be sufficient to set off a metal detector. A metal detector should not adversely affect the pump, and the pump can be put through the X-ray machine.

Notification Card

I have the following health condition, disability, or medical device that may affect my screening:

> (optional) I understand that presenting this card does not exempt me from screening.

Medical Alert Card

	I am on a therapy called Duopa
K	(carbidopa/levodopa).
	In case of emergency please contact:

Emergency Contact:_

Physician:

Pump Support: 1-844-386-4968

TSA Notification Card

At the airport, you can use the TSA Notification Card for passenger use. Keep in mind that using the Notification Card or medical documentation won't keep you from being screened.

Medical Alert Card

Keep this card in your wallet or pump carrying case so you can reach it quickly in case of an emergency. Also, bring your card to your procedure so the lot numbers can be completed.

If you need a new copy of the TSA Notification and Medical Alert cards to fill in and carry in your wallet when traveling, ask your Nurse Ambassador.



FREQUENTLY ASKED QUESTIONS

About the cassettes

How much Duopa will I need each day?

Your healthcare provider will determine how much Duopa you'll need each day. Never reuse cassettes, even if some medicine is left inside them.

Can I reuse a cassette?

No. Each Duopa cassette is for single use only. Don't use a cassette for longer than 16 hours, even if some medicine is left. Follow the specialty pharmacy's instructions to dispose of the cassette at the end of each day.

How should I store the Duopa cassettes?

Always store the cassettes in a refrigerator with the temperature set between 36°F and 46°F (2°C and 8°C). Don't freeze the cassettes. The box containing the cassettes should always be kept closed because Duopa is sensitive to light. Always keep the cassettes out of the reach of children.

Always check the "use by" date on the cassette before using it.

What should I do if the power to my refrigerator goes out?

Call your specialty pharmacy immediately for instructions regarding emergency cassette care. Contact your specialty pharmacy for further support. Your healthcare provider will have prescribed carbidopa/ levodopa pills to use if you have to interrupt your Duopa infusion. Take these pills as instructed by your healthcare provider.





About the pump

Below is some important information you need to know to take care of your pump. If you have questions or need pump support, ask your healthcare provider or call your Nurse Ambassador.

Is the pump heavy?

The pump with 2 AA batteries and empty medication cassette weighs slightly less than a pound. If you feel pressure from the shoulder strap, try wearing the pump in the carrying case over a cotton undershirt or top.

How often will I need to change the pump batteries?

Once a week is recommended. You may want to change the batteries at the same time each week to help you remember. You'll receive new AA batteries with each Duopa cassette shipment. It's also a good idea to keep plenty of spare batteries on hand.

Can I use rechargeable batteries?

No. Don't use rechargeable batteries or carbon zinc (heavy duty) batteries. They don't provide enough power to operate the pump properly. Use 2 new AA alkaline batteries, such as Duracell[®] CopperTop or Energizer[®] Max.

What should I do if my pump stops working?

Check that the pump is on or if it needs new batteries. If your pump stops working, call your healthcare provider or your Nurse Ambassador immediately. If you stop your Duopa infusion for more than 2 hours during your 16-hour dosing time for any reason, call your healthcare provider and take carbidopa/levodopa pills as prescribed until you are able to restart your Duopa infusion.

What should I do if a pump alarm sounds?

The pump has a number of different alarm signals to let you know what to do. See the **"Alarms and Messages"** section starting on page 56 for more information. You can also call your Nurse Ambassador.

About the pump (continued)

Do I need to disconnect the pump to shower or bathe?

You'll need to detach the pump before you shower, bathe, or swim. Reattach the pump to the stomach tubing afterwards and restart it.

If you stop Duopa for less than 2 hours, you do not need to take carbidopa/levodopa pills, but your healthcare provider may tell you to take an extra dose of Duopa.

Do I need to disconnect the pump for medical tests?

The pump may need to be removed prior to certain medical tests. Be sure to talk to your healthcare provider about your Duopa pump before you have any medical tests.

Important Safety Information about your pump

- Only use the pump as described in the guide you were provided or as instructed by your healthcare provider
- Do not use the pump in the presence of flammable or explosive gases
- Use only tubing sets recommended for DUOPA
- Always have new batteries available. Power loss will result in DUOPA not being delivered
- Inspect the pump for damage if it is dropped or hit. Do not use a pump that is damaged or is not functioning properly
- Do not use the pump if the battery door or tabs are damaged, or if the battery door won't close completely, as the batteries will not be properly secured, resulting in power loss and DUOPA not being delivered
- Only use DUOPA cassettes with the pump
- Attach the DUOPA cassette properly. An improperly attached cassette could result in a problem with the delivery of DUOPA



About the pump (continued)

Is the pump sensitive to temperature?

Yes. Exposure to extreme temperatures can damage your pump, which can adversely affect your Duopa treatment. Do not operate the pump below 36°F (2°C) or above 104°F (40°C). Protect your pump from exposure to cold temperatures. Wear the pump in the carrying case close to your body under warm clothing when you are outside in cold weather. Overheating of the pump and Duopa cassette must be avoided. Do not sterilize your pump. Do not keep the pump in humidity levels below 20% or above 90% relative humidity. Do not store the pump at temperatures below $-4^{\circ}F(-20^{\circ}C)$ or above $140^{\circ}F(60^{\circ}C)$ or with the Duopa cassette attached.

What should I do if I drop or hit my pump?

If the pump is dropped or hit, the battery door or tabs may break. Do not use the pump if the battery door or tabs are damaged because the batteries will not be correctly secured. This may cause loss of power and DUOPA will not be delivered.

Do not use a pump that is damaged or is not functioning correctly. If the pump is damaged, not working, or not working correctly, call your healthcare provider or your Nurse Ambassador immediately—don't try to repair it. You may have to take carbidopa/levodopa pills, as directed by your healthcare provider, until the pump is fixed or replaced.

How long will the pump last?

Here are some tips to help keep the pump well maintained:

- Your specialty pharmacy will coordinate yearly maintenance with you to make sure your pump is working correctly
- Don't store the pump with a used cassette attached or (for prolonged periods of time) with the batteries installed as battery leakage could damage the pump
- When you're not using the pump, connect the protective cassette to the pump and store it in the carrying case provided

If you have any issues with your pump, please call your healthcare provider or Nurse Ambassador.

About the pump (continued)

How do I clean the pump?

- If the pump needs to be cleaned, just wipe it with a damp cloth. Wipe the entire surface dry with another soft cloth. Allow the pump to dry completely before use
- Do not clean the pump with acetone, other plastic solvents, or abrasive cleaners
- The pump isn't waterproof, so do not get the pump wet
- Never soak the pump or allow any liquid to leak into the pump, keypad, or battery compartment. Moisture buildup inside the pump may damage the pump

Important Safety Information about your pump

- Do not attempt to repair or service your own pump
- Do not operate the pump at temperatures below 36°F (2°C) or above 104°F (40°C), store the pump at temperatures below -4°F (-20°C) or above 140°F (60°C), or expose the pump to humidity levels below 20% or above 90% relative humidity
- Do not store the pump with a DUOPA cassette attached or (for prolonged periods of time) with the batteries installed. Use the protective cassette provided
- Do not get the pump wet. Do not clean the pump with acetone, other plastic solvents or abrasive cleaners
- Do not use rechargeable batteries or carbon zinc (heavy duty) batteries; they do not provide sufficient power for the pump to operate properly
- Before starting DUOPA delivery, inspect the fluid path tubing for kinks, a closed clamp, or other blockage. A blockage may result in under- or non-delivery of DUOPA and/or alarms



About the tubing

How often does the tubing need to be changed?

Your healthcare provider will let you know if your tubing needs to be changed. Removal of the tube should only be performed by a qualified healthcare provider. Call your healthcare provider right away if your tubing is damaged.

What do I do if the tube is pulled out?

Don't try to replace the tube. Call your healthcare provider immediately. Follow your healthcare provider's instructions for taking other medication until the tube is replaced. Removal of the tube should only be performed by a qualified healthcare provider.

What if the tube gets blocked?

If blockage occurs, the pump will sound an alarm and display a "high pressure" alert. If this happens, try the following:

- See if the tubing is kinked or a clamp is closed
- Unkink the tubing or open the clamp and the pump should start again
- Call your healthcare provider if the alarm continues

If you notice your medication isn't being delivered properly, call your healthcare provider right away.

About the tubing (continued)

What if the tube is disconnected for longer than 2 hours?

For interruptions to your Duopa medication lasting longer than 2 hours, contact your healthcare provider and take oral carbidopa/ levodopa until you're able to resume Duopa.

Should I flush the tubing if I discontinue Duopa for longer than 2 hours during the daily 16 hours of Duopa infusion?

Call your healthcare provider for instructions on tube care and flushing after 2 hours or more of disuse during the daily 16 hours of Duopa infusion.

Important Safety Information

Do not stop using DUOPA or change your dose unless you are told to do so by your healthcare provider. Tell your healthcare provider if you develop withdrawal symptoms such as fever, confusion, or severe muscle stiffness.



ALARMS AND MESSAGES

Alarms and messages

The tables below and on the next pages show some of the common alarms that you may hear from the pump.

With all alarms, read the display before pressing **NEXT** to silence the alarm.

What you see and hear	What it means	What to do
Error Two-Tone Alarm	An error with the pump has occurred.	Contact your healthcare provider.
High Pressure <i>Two-Tone Alarm</i>	There is pressure backed up in the tubing.	Check tubing for clamps, kinks, or blockages. Make sure the red cap has been removed from the Duopa cassette tube. Flush connectors if necessary. If it is not possible to flush the tubes, contact your health- care provider as your tube may be blocked.
LowBat 3 Two-Tone Beeps Every 5 Minutes	The pump batteries are low.	Change the batteries right away.
Upstream Occlusion <i>Two-Tone Alarm</i>	If your healthcare provider has the Up- stream Occlusion Sen- sor set to ON and a blockage in the Duopa cassette is detected, this alarm will sound.	Detach the Duopa cassette. Check if the Duopa cassette is empty. If not empty, reattach the Duopa cassette. Restart the pump to continue delivery. Contact your healthcare provider if the alarm continues.

Alarms and messages (continued)

What you see and hear	What it means	What to do
No message on display <i>Two-Tone Alarm</i>	Batteries were removed within approximately 15 seconds after stopping the pump.	Install new batteries to silence the alarm. Otherwise, the alarm will stop within a short period of time.
Display shows current pump status 2 Beeps (Long-Short)	The Duopa cassette is not lined up with the pump or Duopa is not flowing from the Duopa cassette to the pumping mechanism. Very cold or extremely thick Duopa may cause this alarm as well.	Press NEXT to silence the alarm. The pump continues to run. Make sure the Duopa cassette is correctly lined up with the pump and Duopa is flowing. Take the Duopa cassette out of the refrigerator for 20 minutes before attaching to the pump.
Battery Depleted Two-Tone Alarm	Batteries are dead.	Install new batteries. To continue delivery, restart the pump when completed.
Key pressed, Please release <i>Two-Tone Alarm</i>	Key is being held down.	Stop pressing key. If the alarm persists, close the cassette tube clamp and remove the pump from use. Contact your healthcare provider.



Alarms and messages (continued)

What you see and hear	What it means	What to do
No Disposable, Clamp Tubing <i>Two-Tone Alarm</i>	Disposable refers to the Duopa Cassette. No Disposable means the Duopa cassette was removed. The pump is not sensing proper cassette attachment.	Clamp the cassette tube and disconnect it from your stomach tube. A Duopa cassette must be correctly attached in order for the pump to run. Press NEXT to silence the alarm.
No Disposable, Pump won't run <i>Two-Tone Alarm</i>	Disposable refers to the Duopa Cassette. You have tried to start the pump without a disposable Duopa cassette attached.	Press NEXT to silence the alarm. A Duopa cassette must be correctly attached for the pump to run.
Service Due See manual <i>Two-Tone Alarm</i>	The pump is scheduled for service.	Press NEXT to silence the alarm. The pump is still working, but contact your healthcare provider for instructions.

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