



hy

Let's walk through the infusion process together.

This is your Step-by-Step Infusion Guide.

We've created hy5—featuring five sections to help you learn how to self-infuse. This guide is intended for use only as a supplement to in-person training from your healthcare professional. **Do not infuse HyQvia® until you have been appropriately trained, have read the Information for Patients, and are comfortable that you can perform the steps on your own.**

What is HyQvia?

HyQvia is a liquid medicine that is given under the skin (subcutaneously) to treat primary immunodeficiency (PI) in people 2 years and older and chronic inflammatory demyelinating polyneuropathy (CIDP) in adults.

IMPORTANT SAFETY INFORMATION

What is the most important information that I should know about HyQvia?

- HyQvia can cause blood clots.
- Call your healthcare professional (HCP) if you have pain, swelling, warmth, redness, or a lump in your legs or arms, other than at the infusion site(s), unexplained shortness of breath, chest pain or discomfort that worsens on deep breathing, unexplained rapid pulse, numbness or weakness on one side of the body.
- Your HCP may perform blood tests regularly to check your IgG level.
- Do not infuse HyQvia into or around an infected or red swollen area because it can cause infection to spread.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

hy 5 to infuse.

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

This guide is set up to show you how to infuse HyQvia in two ways. The first is using a HyHub™ for HyQvia infusion device with a peristaltic pump, and the second is using a peristaltic pump only. Please note there is another way to infuse using a syringe driver. The step-by-step guide is a separate resource available on HyQvia.com

HyHub, which holds up to 4 dual-vial units, and HyHub Duo, which holds up to 2 dual-vial units, are both infusion trays for HyQvia and together referred to as “HyHub” throughout this material, unless otherwise noted. As prescribed, for patients 17 years of age or older, both are designed to reduce the number of preparation steps* without using a needle or pooling bag to transfer medicine from dual-vial units at home or in-center. Your specialty pharmacy will decide which device works best for you based on your dose and will send it with your infusion supplies after you’ve received training.

Jump to whichever section matches up with how you and your doctor decided you’re infusing.

*When infusing 2, 3, or 4 dual-vial units.



Using a peristaltic pump with HyHub?

To get started, click on the Peristaltic Pump with HyHub tab below.



Using a peristaltic pump with pooling bag?

To get started, click on the Peristaltic Pump tab below.

HyHub/HyHub Duo Important Information for Patients

What is HyHub/HyHub Duo? HyHub/HyHub Duo are stand-alone, single-use, disposable vial access devices.

Who Should Use HyHub/HyHub Duo? HyHub/HyHub Duo are for patients 17 years of age and older to allow HyQvia [Immune Globulin Infusion (Human), 10% with Recombinant Human Hyaluronidase] to be transferred from vials without using a needle, as prescribed, in a home environment or clinical setting.

Do Not:

- Use HyHub/HyHub Duo with a pooling bag.
- Connect HyHub/HyHub Duo to a syringe driver infusion pump.

Selected Information for Patients:

- **HyHub/HyHub Duo are for SINGLE USE ONLY, even if all docks are not used during a single infusion. Re-use will increase risk of infection. Always use a new HyHub/HyHub Duo for each infusion. Continued on next column.**

- **Only use HyHub/HyHub Duo when ready to administer HyQvia.**
- Do not use HyHub/HyHub Duo at home until receiving instructions and training from a healthcare provider.
- **HyQvia is the only medicine that may be used with HyHub/HyHub Duo.**
- Do not exceed the maximum infusion volume per infusion site or infusion rate as indicated in the HyQvia prescribing information, or as directed by a healthcare provider.

For safe and proper use of HyHub/HyHub Duo, please refer to the complete Instructions for Use included with the devices. Talk to your healthcare provider if you have additional questions. For information about HyQvia, please see Patient Information for HyQvia.

Please see additional Important Safety Information throughout, click for Information for Patients, including Warning about Blood Clots, and discuss with your HCP.

This guide is not meant to be stand-alone instructions but rather a supplement to in-person training from a healthcare professional. Please refer to your HyQvia Information for Patients for a complete list of steps.



Infusing with HyHub and a peristaltic pump

Our goal is to make sure that you feel confident in your ability to complete your infusions in the comfort of your own home.

Ready to infuse your dose* of HyQvia?

You'll receive appropriate training before you're able to self-infuse at home.

*Every 2, 3, or 4 weeks for CIDP; every 3 or 4 weeks for PI.

Click [here](#) to watch an instructional video.

This guide is not meant to be stand-alone instructions but rather a supplement to in-person training from a healthcare professional. Please refer to your HyQvia Information for Patients and HyHub Instructions for Use for a complete list of steps.

- hy 1 Gather & prepare for infusion
- hy 2 Prepare the infusion site
- hy 3 Infuse hyaluronidase, or Hy
- hy 4 Infuse immune globulin, or IG
- hy 5 Complete & log infusion

HyQvia

[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

hy1 Gather & prepare
for infusion

hy2 Prepare the
infusion site

hy3 Infuse
Hy

hy4 Infuse
IG

hy5 Complete &
log infusion

What you'll need

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Below are the supplies you need to infuse HyQvia using HyHub or HyHub Duo.

This guide will walk you through the supplies you'll be using and the infusion process. Something to know—the **supplies that you receive from your pharmacy may look different, and that's OK.** Supplies may vary based on what brands the specialty pharmacy has in stock.



HyHub or HyHub Duo



HyQvia dual-vial unit(s)
The number of vials you will have will depend on your prescribed dose



Alcohol swabs, antibacterial cleaner, soap, tape, gauze, and a sterile bandage. **Optional:** Gloves can be used if instructed by your doctor



Syringe



Sterile subcutaneous needle set with a sterile bandage (1 per infusion site)



Infusion pump and pump tubing



Optional: Prefilled saline or dextrose 5% in water (D5W) syringe (to flush tubing if directed by your doctor)



Sharps container



Wellness Journal/Infusion Log

Over time, you'll become familiar with your supplies.



Actor portrayal

hy

1

Gather & prepare for infusion

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Prepare for infusion	8-12

IMPORTANT SAFETY INFORMATION (continued)

Who should not take HyQvia?

Do not take HyQvia if you:

- Are allergic to IgG, hyaluronidase, other blood products, or any ingredient in HyQvia.

What should I avoid while taking HyQvia?

- HyQvia can make vaccines (like measles/mumps/rubella or chickenpox vaccines) not work as well for you. Before you get any vaccines, tell your HCP that you take HyQvia.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including Warning about Blood Clots, and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10%
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Gather & prepare
for infusion

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Infuse

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Complete &
log infusion

Gather all supplies



You'll need to clean your work area with an antibacterial cleaner. If you have an infusion mat or antibacterial towel, lay it out.



Gather all your supplies. Once you know you've got everything, you're ready to get started.



Program the infusion pump according to prescribed infusion rates and manufacturer's instructions.



Wash your hands thoroughly with antibacterial soap. Wearing gloves is optional, but you should wear them if instructed by your doctor.



Open your supplies. Keep them in their packages and place near the clean work area.

If using more than 1 infusion site, do not exceed pump infusion rate of 600 mL per hour (for example 300 mL per hour per site for 2 sites or 200 mL per hour per site for 3 sites).



The pictures of HyHub in this guide are with 4 docks. You may receive HyHub Duo with 2 docks. That's okay. Your specialty pharmacy determines which HyHub is right for you based on your dose.

Check vial(s) and HyHub



Do not use HyHub or its components if they appear to be broken, missing, or expired. Use of such product may cause infection, leaks from product, or other hazardous conditions that could result in serious injury. If observed, contact your doctor as soon as possible.

Inspect your vials:

- Always make sure you have the correct dose that your doctor prescribed.
- Do not use if vials are missing a protective cap or are broken.
- Check the expiration date, and make sure they're not expired. Don't ever use them if they're past the expiration date.
- Look at the color. The Recombinant Human Hyaluronidase (Hy) should be clear and colorless. And the Immune Globulin Infusion 10% Human (IG) should be clear and colorless, or it may be pale yellow. Neither vial should be cloudy or have any particles floating in it.

Inspect your vials (continued):

- Vials need to be at room temperature for infusion, which could take up to 60 minutes after removing them from the refrigerator. Do not apply heat or place in microwave. Do not put them back into the refrigerator once they have come to room temperature.
- Do not shake your vials.

Check the HyHub and its packaging:

- Check the expiration date of HyHub, which is located on its packaging.
- Do not use an expired HyHub or other infusion materials.
- Open and inspect supply packaging.

hy

1

Gather & prepare for infusion (continued)

HyQvia

[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Prepare for infusion



Start by peeling off the label(s) from the IG vial(s) and placing them in your Wellness Journal/Infusion Journal.



Next, take off the purple protective cap(s)—they should just pop right off. Make sure the blue vial caps are removed. If not, remove the blue caps.



Now you need to wipe each of the Hy and IG stoppers with separate alcohol swabs. Give the stoppers some time to air dry (at least 30 seconds).

continued on next page

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Gather & prepare
for infusion

hy2
Prepare the
infusion site

hy3
Infuse
Hy

hy4
Infuse
IG

hy5
Complete &
log infusion

Prepare for infusion (continued)



Remove the cover from dock 1 of HyHub.

! *Do not touch or remove anything under the dock cover. Touching anything under the dock cover will increase the risk of contamination and interfere with the normal function of HyHub.*



Insert the dual-vial unit into dock 1 with the stoppers facing down.

NOTE: *The Hy vial fits into the smaller opening and the IG vial fits into the larger opening.*



Push down so that the dual-vial unit locks in place. You may hear a click, which is an indicator that the dual-vial unit is locked in place.

NOTE: *Once a dual-vial unit has been clicked into place, do not try to remove it from the dock.*

! *Do not rotate the vials after docking. This may cause leaking or damage to the spikes.*

continued on next page

Prepare for infusion (continued)



If you are using more than 1 HyQvia dual-vial unit, repeat the docking steps for the remaining dual-vial units and insert them in order into docks 2, 3, and 4 as needed. If you use more than 4 dual-vial units per infusion, please contact your doctor for instructions. Depending on the infusion dose and number of dual-vial units, you may not use all docks.

If you receive HyHub Duo, you'll have 2 docks, not 4, but the instructions are the same as above.

NOTE: The sizes of dual-vial units may be different based on your prescribed HyQvia dose. Dual-vial unit sizes shown here are for illustrative purposes only.



Remove the Hy connector (purple) from HyHub.

! Do not touch the tip of the Hy connector. If proper sterile techniques aren't followed, it increases the risk of contamination and infection.



Next, you'll need to remove the syringe from its packaging.

Before connecting the syringe to the Hy connector, make sure to remove all the air from the syringe by pushing down the syringe plunger.

Push in and twist the syringe onto the Hy connector.

NOTE: More than 1 syringe may be needed to administer the complete dose, depending on the total volume to be administered.

continued on next page

Prepare for infusion (continued)



Slowly pull back on the syringe's plunger to withdraw the full contents of the Hy from all the docked vial(s).

! *Do not push air tab into HyHub.*



Once that's done, remove the syringe from the Hy connector by twisting it to the left.

continued on next page

Prepare for infusion (continued)



The next step is to attach the needle set. The first thing you'll want to do is point the syringe tip up and push the syringe's plunger to remove the air. Then remove the cap from the end of the needle set tubing. Twist the syringe filled with Hy onto the tubing connected to the end of the needle set.



Fill the needle set tubing with Hy until it reaches the needle wings. Do not push the Hy beyond the needle wings. Set aside syringe and needle set for hy4.



Remove the IG connector (orange) from HyHub and connect to the pump tubing. Insert the pump tubing into the pump and fill the pump tubing according to the pump manufacturer's instructions.

NOTE: Add 1 mL to your IG filling volume when using HyHub.



Do not touch the tip of the IG connector. Be sure to follow sterile techniques to avoid risk of contamination and infection.

Good job! You're ready for hy2.



Actor portrayal

hy 2

Prepare the infusion site

Prepare the infusion site 14

IMPORTANT SAFETY INFORMATION (continued)

What should I tell my HCP before I start using or while using HyQvia?

Tell your HCP if you:

- Have or had any kidney, liver, or heart problems or history of blood clots because HyQvia can make these problems worse.
- Have IgA deficiency or a history of severe allergic reactions to IgG or other blood products.
- Are pregnant, trying to become pregnant or are breast feeding. It is not known whether HyQvia can harm the unborn baby or breastfed infant.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including Warning about Blood Clots, and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10% with Recombinant Human Hyaluronidase]

hy1 Gather & prepare for infusion

hy2 Prepare the infusion site

hy3 Infuse Hy

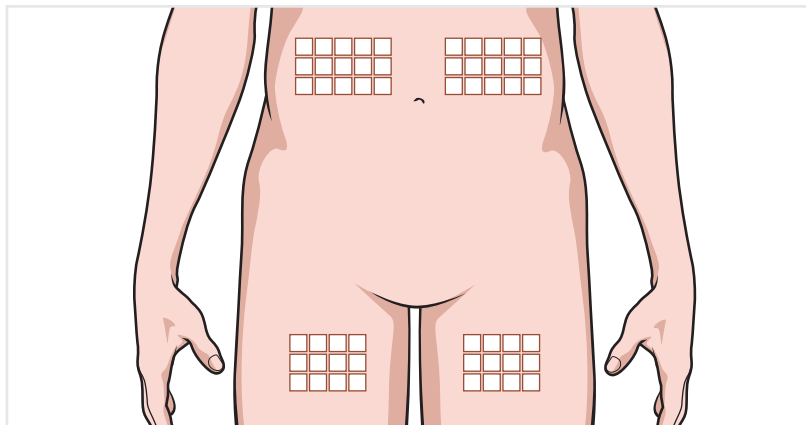
hy4 Infuse IG

hy5 Complete & log infusion

hy 2 Prepare the infusion site

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Prepare the infusion site



It's time to decide where you want to infuse. You have two choices—you can infuse in either thigh or either side of your middle or upper abdomen. You want to avoid bony areas, visible blood vessels, scars, and any areas that are inflamed, irritated, or infected.

If instructed to use two sites, select sites on the opposite sides of the body.

Your subcutaneous needle set that comes from your specialty pharmacy may be a bifurcated needle set, which allows you to infuse in 2 different sites on opposite sides of the body at the same time.

NOTE: Remember to rotate your sites between each infusion.

*If more than one site is used, repeat step.



Wipe the infusion site(s) with a new sterile alcohol wipe beginning at the center of the infusion site and moving outward in a circular motion. Allow the infusion site(s)* to dry for at least 30 seconds.

If you are using more than one infusion site, you will need to repeat hy2.

Good job! You're ready for hy3.

hy1 Gather & prepare
for infusion

hy2 Prepare the
infusion site

hy3 Infuse
Hy

hy4 Infuse
IG

hy5 Complete &
log infusion



Actor portrayal



Infuse hyaluronidase, or Hy

Infuse the Hy 16-17

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia?

HyQvia can cause serious side effects. If any of the following problems occur after starting HyQvia, stop the infusion immediately and contact your HCP or call emergency services:

- Hives, swelling in the mouth or throat, itching, trouble breathing, wheezing, fainting or dizziness. These could be signs of a serious allergic reaction.
- Bad headache with nausea, vomiting, stiff neck, fever, and sensitivity to light. These could be signs of irritation and swelling of the lining around your brain.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including [Warning about Blood Clots](#), and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

hy1 | Gather & prepare
for infusion

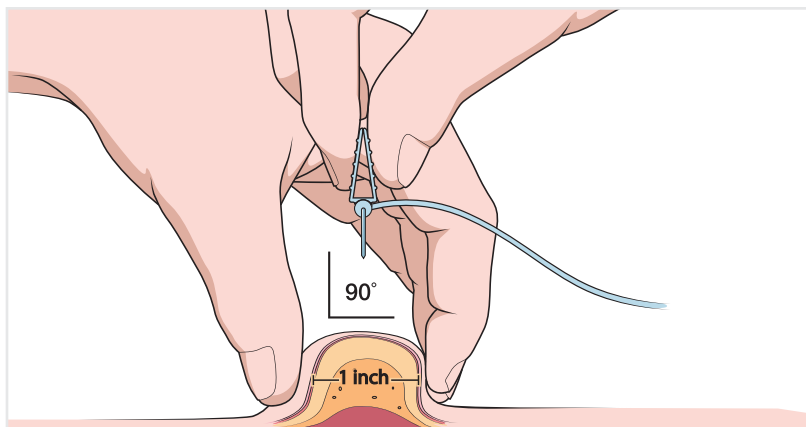
hy2 | Prepare the
infusion site

hy3 | Infuse
Hy

hy4 | Infuse
IG

hy5 | Complete &
log infusion

Infuse the Hy



Now, insert and secure the 24-gauge subcutaneous needle. Remove the needle cover, and then firmly grasp and pinch at least 1 inch of skin between two fingers. Insert the needle with a rapid motion straight into the skin at a 90-degree angle. Tape the needle with sterile tape. Repeat the step if you have a second infusion site.



Check for proper needle placement by pulling back on the syringe's plunger. Be sure there is no blood return in the tubing of the needle set. If blood is seen in the tubing, remove and discard the subcutaneous needle and repeat hy2 and hy3 with a new needle and infusion site. Secure the needle set in place by applying a sterile protective dressing over the site.

continued on next page

hy 3 Infuse Hy (continued)

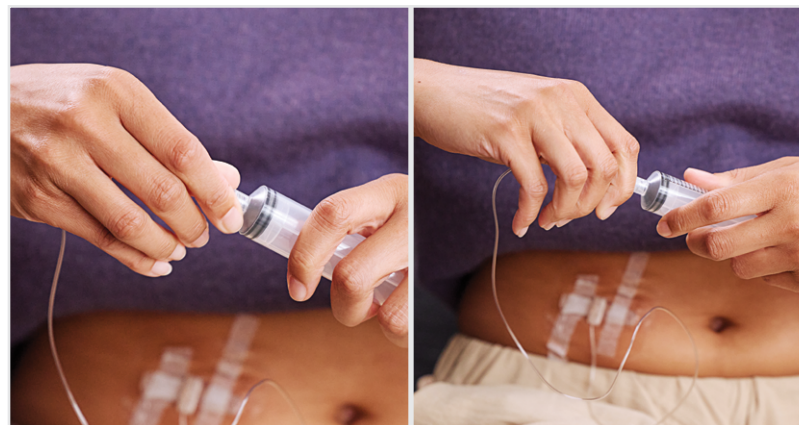
HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Infuse the Hy (continued)



Infuse the Hy manually at an initial rate per infusion site of approximately 1 to 2 mL per minute per site and increase as tolerated. If you are using more than one infusion site, divide the Hy contents equally between sites.

REMEMBER: Hy before IG.



After infusing all of the contents in the syringe, remove the empty Hy syringe from the needle set.

Then, remove the sterile cap on the pump tubing and twist the pump tubing (filled with IG) to the right, onto the same needle set.

Good job! You're ready for hy4.

hy1 Gather & prepare
for infusion

hy2 Prepare the
infusion site

hy3 Infuse
Hy

hy4 Infuse
IG

hy5 Complete &
log infusion



Actor portrayal

hy

4

Infuse immune globulin, or IG

Infuse the IG..... 19

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia? (continued)

HyQvia can cause serious side effects. If any of the following problems occur after starting HyQvia, stop the infusion immediately and contact your HCP or call emergency services:

- Reduced urination, sudden weight gain, or swelling in your legs. These could be signs of a kidney problem.
- Pain, swelling, warmth, redness, or a lump in your legs or arms, other than at the infusion site(s). These could be signs of a blood clot.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including Warning about Blood Clots, and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10%
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hy1
Gather & prepare
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hy2
Prepare the
infusion site

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Infuse
Hy

hy4
Infuse
IG

hy5
Complete &
log infusion

hy 4 Infuse IG

HyQvia
[Immune Globulin Infusion (Human), 10%
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Infuse the IG



Make sure the pump tubing is properly secured to the needle set. Within 10 minutes of completing the infusion of Hy, start the pump to administer the IG from all the docked IG vials at the rates prescribed by your doctor.

When nearing the end of your infusion, it is important to keep HyHub level (flat) to prevent air from entering the system.

NOTE: Your pump may look different, and the number and sizes of dual-vials may differ from what you see here.



Do not rotate the vials during the infusion. This may cause leaking or damage to the spikes.

Good job! You're ready for hy5.

hy1 Gather & prepare for infusion

hy2 Prepare the infusion site

hy3 Infuse Hy

hy4 Infuse IG

hy5 Complete & log infusion



Actor portrayal

hy

5

Complete & log infusion

Almost done!.....21

Dispose of infusion set and HyHub22

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia? (continued)

HyQvia can cause serious side effects. If any of the following problems occur after starting HyQvia, stop the infusion immediately and contact your HCP or call emergency services:

- Brown or red urine, fast heart rate, yellow skin or eyes. These could be signs of a liver or blood problem.
- Chest pain or trouble breathing, blue lips or extremities. These could be signs of a serious heart or lung problem.
- Fever over 100°F. This could be a sign of an infection.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including Warning about Blood Clots, and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

hy1 | Gather & prepare
for infusion

hy2 | Prepare the
infusion site

hy3 | Infuse
Hy

hy4 | Infuse
IG

hy5 | Complete &
log infusion

hy 5 Complete & log infusion

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Almost done!



- Check to make sure all medication has been infused. If medication remains, resume the infusion until the entire dose of IG has been infused.
- Remove the IG connector from the pump tubing by twisting left. OPTIONAL: Flush the tubing if directed by your doctor, as follows:
 - Remove the protective cap from a prefilled saline or D5W flush syringe (approximately 5 mL).
 - Twist a prefilled saline or D5W flush syringe onto the tubing.
 - Push the syringe's plunger to receive the entire IG dose prescribed. The saline/D5W is not intended to be infused.

hy1
Gather & prepare
for infusion

hy2
Prepare the
infusion site

hy3
Infuse
Hy

hy4
Infuse
IG

hy5
Complete &
log infusion

Dispose of infusion set and HyHub



Next, remove the needle. Start by loosening the clear dressing and pulling the subcutaneous needle wing straight up and out. Place a bandage over the infusion site.

After removing the needle(s) from the skin, discard the infusion set in a sharps container. Discard HyHub (with dual-vial units attached) and other disposable supplies as directed by your healthcare professional, in accordance with local requirements.

DO NOT remove the dual-vial units from HyHub prior to disposal.



HyHub and HyHub Duo are SINGLE USE ONLY. Do not re-sterilize HyHub. Re-use will increase your risk of infection. Always use a new HyHub for each infusion.



Now, you'll want to record your infusion experience and details in your Wellness Journal/Infusion Log. You can write in the details of lot number and expiration date or peel the label off your IG vial and place it in the journal, if you haven't already. Record the date, time, dose, site(s) of infusion, and any reactions you experienced after each infusion.

Follow up with your doctor as directed or if you have any questions or concerns.

Due to the volume of fluid that can be infused, a temporary, soft swelling is common with HyQvia which may last 1 to 3 days. Local infusion-site reactions, including swelling, redness, pain, and itching, may occur and generally go away in a few hours. Local reactions are less likely after the first few infusions.

The most common side effects of HyQvia are headache, fatigue, vomiting, nausea, fever, itching, redness, abdominal pain, back pain, and pain in extremity. Contact your healthcare professional if you have any local reactions or other side effects that bother you or don't go away.

Congratulations— you did it!

Your infusion is complete! Don't forget, you've got resources available to you. If you have any questions about HyQvia or HyHub, write them down in your Wellness Journal/Infusion Log and talk to your doctor. You can also visit HyQvia.com, or reach out to a nurse at your specialty pharmacy.

It's normal to experience some infusion site reactions after your infusion. Talk to your healthcare professional about any side effects that bother you or that don't go away.

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia? (continued)

After HyQvia infusion a temporary, soft swelling may occur around the infusion site, which may last 1 to 3 days, due to the volume of fluid infused. The following possible side effects may occur at the site of infusion and generally go away within a few hours, and are less likely after the first few infusions.

- Mild or moderate pain
- Redness
- Swelling
- Itching

The most common side effects of HyQvia in PI are:

- Headache
- Fatigue
- Nausea
- Fever
- Vomiting

The most common side effects of HyQvia in CIDP are:

- Headache
- Fatigue
- Nausea
- Fever
- Itching
- Redness
- Abdominal pain
- Back pain
- Pain in extremity

Antibodies to the hyaluronidase component of HyQvia were formed in some patients taking HyQvia. It is not known if there is any long-term effect. In theory, these antibodies could react with your body's own hyaluronidase (PH20). PH20 is present in the male reproductive tract. So far, these antibodies have not been associated with increased or new side-effects.

These are not all the possible side effects. Talk to your HCP about any side effect that bothers you or that does not go away.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including Warning about Blood Clots, and discuss with your HCP.

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]



Infusing with a pooling bag and peristaltic pump.

Our goal is to make sure that you feel confident in your ability to complete your infusions in the comfort of your own home.



Scan this code with your phone to watch an instructional video.

IMPORTANT SAFETY INFORMATION (continued)

Who should not take HyQvia?

Do not take HyQvia if you:

- Are allergic to IgG, hyaluronidase, other blood products, or any ingredient in HyQvia.

What should I avoid while taking HyQvia?

- HyQvia can make vaccines (like measles/mumps/rubella or chickenpox vaccines) not work as well for you. Before you get any vaccines, tell your HCP that you take HyQvia.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including Warning about Blood Clots, and discuss with your HCP.

This guide is not meant to be stand-alone instructions but rather a supplement to in-person training from a healthcare professional. Please refer to your HyQvia Information for Patients for a complete list of steps.

hy 1 Get ready

hy 2 Prepare the hyaluronidase, or Hy

hy 3 Prepare the immune globulin, or IG

hy 4 Infuse

hy 5 Finish up

HyQvia

[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

hy1 | Get ready

hy2 | Prepare the Hy

hy3 | Prepare the IG

hy4 | Infuse

hy5 | Finish up

What you'll need

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Below are the supplies you will need to infuse HyQvia.

It may seem a bit overwhelming at first, but this guide will walk you through the supplies you'll be using and the infusion process. Something to know—the **supplies that you receive from your pharmacy may look different, and that's OK.** Supplies may vary based on what brands the specialty pharmacy has in stock.



HyQvia vial(s)
The number of vials you will have will depend on your prescribed dose



Alcohol swabs, antibacterial cleaner, soap, tape, and bandages. Gloves can be used if recommended by your doctor



Syringe(s)



Sterile tip caps—1 per syringe



Needle or needle-less transfer device*—1 per HyQvia vial



Subcutaneous needle set with a clear dressing—1 per infusion site



Pooling bag



Gravity fill set with vented spike and sterile cap



Peristaltic infusion pump, pump tubing, power supply, and manual



Optional: Saline infusion bag (if required by your doctor)



Sharps container



Wellness Journal

Over time, you'll become familiar with your supplies.

hy1 | Get ready

hy2 | Prepare the Hy

hy3 | Prepare the IG

hy4 | Infuse

hy5 | Finish up



Actor portrayal

hy

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Get ready

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IMPORTANT SAFETY INFORMATION (continued)

What should I tell my HCP before I start using or while using HyQvia?

Tell your HCP if you:

- Have or had any kidney, liver, or heart problems or history of blood clots because HyQvia can make these problems worse.
- Have IgA deficiency or a history of severe allergic reactions to IgG or other blood products.
- Are pregnant, trying to become pregnant or are breast feeding. It is not known whether HyQvia can harm the unborn baby or breastfed infant.

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HyQvia

[Immune Globulin Infusion (Human), 10%
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hy3 | Prepare the IG

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hy5 | Finish up

Inspect your vials



- Inspect your vials.
 - Always make sure you have the correct dose that your doctor prescribed.
 - Do not use if vials are missing a protective cap or are broken.
 - Check the expiration date, and make sure they're not expired. Don't ever use them if they're past the expiration date.
 - Look at the color. Hy should be clear and colorless. And the IG should be clear and colorless, or it may be pale yellow. Neither vial should be cloudy or have any particles floating in it.
- Vials need to be at room temperature for infusion, which could take up to 60 minutes after removing them from the refrigerator. Do not apply heat or place in microwave. Do not put them back into the refrigerator once they have come to room temperature.
- Do not shake your vials.

Gather your supplies



In addition to everything that came in your specialty pharmacy kit, you'll need:

- Alcohol swabs
- Antibacterial cleaner
- Soap
- Tape and bandages

Wash hands and sanitize work area



The first thing you'll need is a clean work area. Sanitize your work area with an antibacterial cleaner, and if you have an infusion mat, lay it out.



Wash your hands with antibacterial soap, and you're ready to go. If instructed by your doctor, put gloves on when your hands are dry.



Open your supplies. Keep them in their packages and place near the clean work area.

Good job! You're ready for hy2.



Actor portrayal

hy 2

Prepare the hyaluronidase, or Hy

Draw Hy into syringes	30
Attach needle to set	31
Fill needle set	32

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia?

HyQvia can cause serious side effects. If any of the following problems occur after starting HyQvia, stop the infusion immediately and contact your HCP or call emergency services:

- Hives, swelling in the mouth or throat, itching, trouble breathing, wheezing, fainting or dizziness. These could be signs of a serious allergic reaction.
- Bad headache with nausea, vomiting, stiff neck, fever, and sensitivity to light. These could be signs of irritation and swelling of the lining around your brain.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including [Warning about Blood Clots](#), and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10% with Recombinant Human Hyaluronidase]

hy 2 Prepare the Hy

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Draw Hy into syringes



To start to prepare the Hy, take the cap off of the dual-vial unit(s). Without shaking the vials, clean each one by wiping it with an alcohol swab. Give it a few seconds to dry.



Next, remove a sterile syringe from the package, and attach it to the needle or needle-less transfer device. Pull back on the plunger to fill the syringe with air. The amount of air should equal the amount of Hy in the vial.

hy1 | Get ready

hy2 | Prepare the Hy

hy3 | Prepare the IG

hy4 | Infuse

hy5 | Finish up

Attach needle to set



The next step is to insert the needle or needle-less transfer device into the center of the Hy vial stopper at a 90-degree angle, and push the air into the vial.



Now, turn the vial upside down, and pull back on the plunger to withdraw all of the Hy into the syringe. Remove the needle from the Hy vial and carefully recap it. For any additional vials that you're using, repeat these steps, using a new needle or needle-less transfer device for each vial to collect all of the Hy into a single syringe.

Fill needle set



Once you've got your full dose of Hy transferred into the syringe, hold the syringe upright and tap it to remove any air bubbles. Slowly push the plunger until the Hy reaches the tip of the barrel.



Now you're going to attach the subcutaneous needle set. Remove the sterile cap. Attach the needle set to the Hy syringe.



Slowly push the plunger to fill the needle set tubing, stopping when the Hy reaches the needle hub. Lay the syringe down on the clean work surface. Clamp the needle set tubing.

Good job! You're ready for hy3.



Actor portrayal

hy

3

Prepare the immune globulin, or IG

Transfer IG into pooling bag35-36

Attach pump tubing to pooling bag..... 37

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia?
(continued)

HyQvia can cause serious side effects. If any of the following problems occur after starting HyQvia, stop the infusion immediately and contact your HCP or call emergency services:

- Reduced urination, sudden weight gain, or swelling in your legs. These could be signs of a kidney problem.
- Pain, swelling, warmth, redness, or a lump in your legs or arms, other than at the infusion site(s). These could be signs of a blood clot.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including [Warning about Blood Clots](#), and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

hy1 | Get ready

hy2 | Prepare the Hy

hy3 | Prepare the IG

hy4 | Infuse

hy5 | Finish up

hy 3 Prepare the IG

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Transfer IG into pooling bag



First, clean each vial of IG by wiping the stopper with an alcohol swab. Give it a few seconds to dry. Be careful not to shake the vials.



Next, remove the pooling bag from its packaging and close off all of the white clamps on the tubes. Make sure the tubing is tightly connected to the port on the pooling bag.



Now, remove the cap from the spike on the gravity fill set.



Insert the spike straight down into the center of the IG vial stopper at a 90-degree angle. The tip of the spike should be all the way inside the stopper.



Turn the IG vial upside down. Unclamp the gravity fill set tubing.

continued on next page

hy1 | Get ready

hy2 | Prepare the Hy

hy3 | Prepare the IG

hy4 | Infuse

hy5 | Finish up

Transfer IG into pooling bag (continued)



Continue to hold the IG vial upside down. Open the vent on the spike to transfer the IG into the pooling bag. You may need to tap the gravity fill set to float air bubbles to the top of the vial.



Gently wiggle the spike back and forth to make sure you transfer all of the IG. Then, close the clamp and the vent on the gravity fill set tubing. Repeat steps for each additional IG vial needed to achieve your prescribed dose.



When you've finished with your last vial, hold the gravity fill set tubing upright. Open the clamp and tap the gravity fill set tubing to get the last drops of IG into the pooling bag.

Attach pump tubing to pooling bag



Next, you need to detach the gravity fill set from the pooling bag, re-cap the end of the fill port, and close the clamp on the fill port.



Use two hands to close the clamp on the pump tubing.



Remove the cap from the administration port on the pooling bag.



Remove the cap from the spike on the pump tubing. Set down the cap, but continue to hold the spike.



Insert the spike into the administration port on the pooling bag.



With a twisting motion, insert the pump tubing into the pump and fill the pump tubing per the pump manufacturer's guide.

Good job! You're ready for hy4.



Actor portrayal



Infuse

Insert and secure needle(s).....	39
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Infuse IG with pump (second).....	41

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia?
(continued)

HyQvia can cause serious side effects. If any of the following problems occur after starting HyQvia, stop the infusion immediately and contact your HCP or call emergency services:

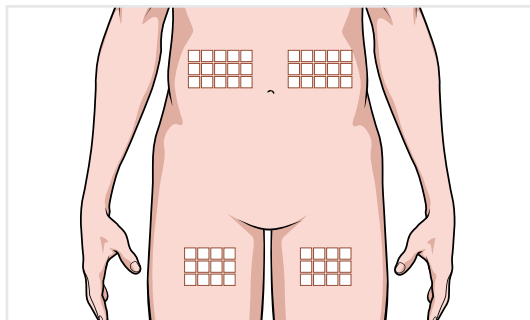
- Brown or red urine, fast heart rate, yellow skin or eyes. These could be signs of a liver or blood problem.
- Chest pain or trouble breathing, blue lips or extremities. These could be signs of a serious heart or lung problem.
- Fever over 100°F. This could be a sign of an infection.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including [Warning about Blood Clots](#), and discuss with your HCP.



[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

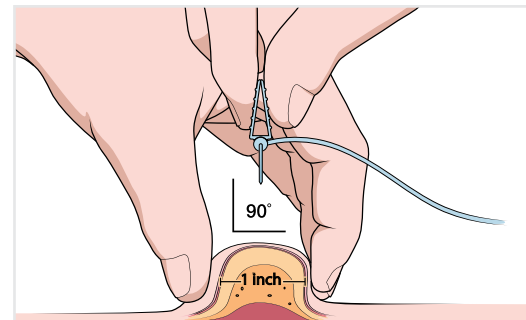
Insert and secure needle(s)



Start by choosing an infusion site (or sites). You have two choices—you can infuse in either thigh or either side of your middle to upper abdomen. Remember to rotate your sites for each infusion. You want to avoid bony areas, visible blood vessels, scars, and any areas that are inflamed, irritated, or infected.



If needed, wash your hands with antibacterial soap. Wipe each infusion site with a sterile alcohol wipe (beginning at the center of the site and moving outward in a circular motion) and let dry (at least 30 seconds).



Next, remove the needle cap and firmly grasp and pinch at least 1 inch of skin. Insert the needle with a rapid motion straight into the skin at a 90-degree angle. Secure the needle in place with sterile tape. Repeat this step for additional infusion sites.

hy 4 Infuse (continued)

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Infuse Hy manually (first)



Open the clamp on the needle set and gently pull back on the syringe plunger. Look for blood return in the tubing. If blood is seen in the tubing, remove and discard the needle and start at a new site with a new subcutaneous needle. If there's no blood, secure the needle set by applying a sterile, clear dressing over the site. If more than one infusion site is used, you'll follow these steps to check for proper needle placement in both sites at the same time.



Administer the Hy at a rate of 1 to 2 mL per minute per infusion site and increase as tolerated. Divide the contents equally between sites, if more than one site is used.



When all the Hy has been infused, detach the syringe from the needle set, but don't remove the subcutaneous needle(s) from your infusion site(s) because you're going to attach the same needle set to the pump tubing. Remove the sterile cap on the pump tubing that is filled with IG, and attach it to the same needle set.

hy1 | Get ready

hy2 | Prepare the Hy

hy3 | Prepare the IG

hy4 | Infuse

hy5 | Finish up

hy 4 Infuse (continued)

HyQvia
[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

Infuse IG with pump (second)



Now, open the clamp on the pump tubing, and start the pump to begin infusing IG. Make sure to set the pump to infuse at the rates prescribed by your doctor. Begin the IG infusion **right after** the Hy infusion is complete (within 10 minutes). When the IG infusion is complete, if directed by your healthcare professional, flush any remaining IG from the pump tubing with saline to ensure that you receive your full dose.

Good job! You're ready for hy5.



Actor portrayal

hy

5

Finish up

Remove needle(s) and log infusion in your Wellness Journal43

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia? (continued)

After HyQvia infusion a temporary, soft swelling may occur around the infusion site, which may last 1 to 3 days, due to the volume of fluid infused. The following possible side effects may occur at the site of infusion and generally go away within a few hours, and are less likely after the first few infusions.

- Mild or moderate pain
- Redness
- Swelling
- Itching

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including [Warning about Blood Clots](#), and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10% with Recombinant Human Hyaluronidase]

hy1 | Get ready

hy2 | Prepare the Hy

hy3 | Prepare the IG

hy4 | Infuse

hy5 | Finish up

Remove needle(s) and log infusion in your Wellness Journal



Start by loosening the clear dressing and pulling the subcutaneous needle wings straight up and out. Place a bandage over the infusion site, and then dispose of the needle set in the sharps container. Check with your specialty pharmacy to learn how to dispose of your sharps container.



Now, you'll want to record your infusion experience and details in your Wellness Journal/Infusion Log. You can write in the details of lot number and expiration date or peel the label off your IG vial and place it in the journal, if you haven't already. Record the date, time, dose, site(s) of infusion, and any reactions you experienced after each infusion.

Follow up with your doctor as directed or if you have any questions or concerns.

Due to the volume of fluid that can be infused, a temporary, soft swelling is common with HyQvia which may last 1 to 3 days. Local infusion-site reactions, including swelling, redness, pain, and itching, may occur and generally go away in a few hours. Local reactions are less likely after the first few infusions.

The most common side effects of HyQvia are headache, fatigue, vomiting, nausea, fever, itching, redness, abdominal pain, back pain, and pain in extremity. Contact your healthcare professional if you have any local reactions or other side effects that bother you or don't go away.

Congratulations— you did it!

Your infusion is complete! Remember, this guide is not only for learning to infuse, but also can be referred back to at any point to review the specifics of infusing. Don't forget, you've got resources available to you. If you have any questions about HyQvia or HyHub, write them down in your Wellness Journal/Infusion Log and talk to your doctor. You can also visit HyQvia.com, or reach out to a nurse at your specialty pharmacy.

It's normal to experience some infusion site reactions after your infusion. Talk to your healthcare professional about any side effects that bother you or that don't go away.

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia? (continued)

After HyQvia infusion a temporary, soft swelling may occur around the infusion site, which may last 1 to 3 days, due to the volume of fluid infused. The following possible side effects may occur at the site of infusion and generally go away within a few hours, and are less likely after the first few infusions.

- Mild or moderate pain
- Redness
- Swelling
- Itching

The most common side effects of HyQvia in PI are:

- Headache
- Fatigue
- Nausea
- Fever
- Vomiting

The most common side effects of HyQvia in CIDP are:

- Headache
- Fatigue
- Nausea
- Fever
- Itching
- Redness
- Abdominal pain
- Back pain
- Pain in extremity

Antibodies to the hyaluronidase component of HyQvia were formed in some patients taking HyQvia. It is not known if there is any long-term effect. In theory, these antibodies could react with your body's own hyaluronidase (PH20). PH20 is present in the male reproductive tract. So far, these antibodies have not been associated with increased or new side-effects.

These are not all the possible side effects. Talk to your HCP about any side effect that bothers you or that does not go away.

Please see additional Important Safety Information throughout, click for [Information for Patients](#), including Warning about Blood Clots, and discuss with your HCP.

HyQvia

[Immune Globulin Infusion (Human), 10%
with Recombinant Human Hyaluronidase]

What is HyQvia?

HyQvia is a liquid medicine that is given under the skin (subcutaneously) to treat primary immunodeficiency (PI) in people 2 years and older and chronic inflammatory demyelinating polyneuropathy (CIDP) in adults.

IMPORTANT SAFETY INFORMATION

What is the most important information that I should know about HyQvia?

- HyQvia can cause blood clots.
- Call your healthcare professional (HCP) if you have pain, swelling, warmth, redness, or a lump in your legs or arms, other than at the infusion site(s), unexplained shortness of breath, chest pain or discomfort that worsens on deep breathing, unexplained rapid pulse, numbness or weakness on one side of the body.
- Your HCP may perform blood tests regularly to check your IgG level.
- Do not infuse HyQvia into or around an infected or red swollen area because it can cause infection to spread.

Who should not take HyQvia?

Do not take HyQvia if you:

- Are allergic to IgG, hyaluronidase, other blood products, or any ingredient in HyQvia.

What should I avoid while taking HyQvia?

- HyQvia can make vaccines (like measles/mumps/rubella or chickenpox vaccines) not work as well for you. Before you get any vaccines, tell your HCP that you take HyQvia.

What should I tell my HCP before I start using or while using HyQvia?

Tell your HCP if you:

- Have or had any kidney, liver, or heart problems or history of blood clots because HyQvia can make these problems worse.
- Have IgA deficiency or a history of severe allergic reactions to IgG or other blood products.
- Are pregnant, trying to become pregnant or are breast feeding. It is not known whether HyQvia can harm the unborn baby or breastfed infant.

IMPORTANT SAFETY INFORMATION (continued)

What are the possible or reasonably likely side effects of HyQvia?

HyQvia can cause serious side effects. If any of the following problems occur after starting HyQvia, stop the infusion immediately and contact your HCP or call emergency services:

- Hives, swelling in the mouth or throat, itching, trouble breathing, wheezing, fainting or dizziness. These could be signs of a serious allergic reaction.
- Bad headache with nausea, vomiting, stiff neck, fever, and sensitivity to light. These could be signs of irritation and swelling of the lining around your brain.
- Reduced urination, sudden weight gain, or swelling in your legs. These could be signs of a kidney problem.
- Pain, swelling, warmth, redness, or a lump in your legs or arms, other than at the infusion site(s). These could be signs of a blood clot.
- Brown or red urine, fast heart rate, yellow skin or eyes. These could be signs of a liver or blood problem.
- Chest pain or trouble breathing, blue lips or extremities. These could be signs of a serious heart or lung problem.
- Fever over 100°F. This could be a sign of an infection.

After HyQvia infusion a temporary, soft swelling may occur around the infusion site, which may last 1 to 3 days, due to the volume of fluid infused. The following possible side effects may occur at the site of infusion and generally go away within a few hours, and are less likely after the first few infusions.

- Mild or moderate pain
- Redness
- Swelling
- Itching

The most common side effects of HyQvia in PI are:

- Headache
- Fatigue
- Nausea
- Fever
- Vomiting

Antibodies to the hyaluronidase component of HyQvia were formed in some patients taking HyQvia. It is not known if there is any long-term effect. In theory, these antibodies could react with your body's own hyaluronidase (PH20). PH20 is present in the male reproductive tract. So far, these antibodies have not been associated with increased or new side-effects.

These are not all the possible side effects. Talk to your HCP about any side effect that bothers you or that does not go away.

For additional safety information, click [Information for Patients](#) and discuss with your HCP.

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.

This guide is intended for use only as a supplement to in-person training from your healthcare professional.



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HyQvia
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