

Frequently Asked Questions

1. Why is CryoIQ the best cryotherapy device?

- CryoIQ can sit on your desk ready for immediate patient treatment, no need to find and fill a Liquid Nitrogen device.
- Spare Cartridges can be stored next to the device, no Liquid Nitrogen Dewer required.
- Cartridges can be removed from the device for transport legally in a vehicle.
- CryoIQ offers reduced patient pain and discomfort compared to other cryotherapy systems.
- High patient compliance for follow-up consultations and additional treatment if required.
- Extremely easy to use and low cost per treatment.

2. What is the difference between the PRO and DERM kits

- The PRO kits include the CIQPABY PRO body with Lever which can be used with any of the PRO series of standard and specialised tips. The tips on the PRO series are removable and interchangeable.
- The DERM kits include the fixed bod and tip – these are not removable.

[Click here to access order forms](#)

3. Can a nurse use CryoIQ products?

- Cryotherapy can be performed in a clinic by licensed practitioners only.
- Please note that laws & restrictions on who may practice cryotherapy may differ between countries & states.

4. How long does a treatment take?

- Treatment with a CryoIQ device can easily be incorporated into a busy practice as no pre- or posttreatment care is needed.

[Click here to learn more about Treatment Times](#)

- In general, a total procedure using CryoIQ should not last more than a minute, with most applications lasting only 3-5 seconds depending on the type of location of the lesion (See lesion treatment time paragraph).

5. Do I have to use CryoIQ Cartridges?

- Yes - the CryoIQ replacement Cartridges contain 25g of sterile gas (medicinal quality sterile filtered to 5 µ, free of detritus) with built in filter.
- The Cartridges contain Nitrous Oxide under pressure in liquid form. The Cartridges are designed to be screwed into the applicator tip AND removed from the applicator tip with no danger or leaking due to their patented design.
- Other Cartridges will not fit the CryoIQ device or impede performance and damage the device.

6. How many treatments does it take to remove a lesion?

- The morphology of a lesion determines the freezing time.
- Often a skin disorder can be removed in 1 treatment using a freeze-thaw-freeze cycle.

[Click here to watch a video of CryoIQ application](#)

- A follow-up consultation should be scheduled within 2-3 weeks after the treatment to review the results and perform another treatment if deemed necessary.

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7. What's the difference between the contact and non contact tip?

- The standard 1mm (about 0.04 in) Liquid tip applies direct liquid Nitrous Oxide to the skin, which consumes the least amount of gas and requires no pre-cooling of the tip.
- The contact tips must be cool before being applied to the skin, which can take 5-10 seconds.

- It is then placed directly in contact with the treatment site.
- We recommend the contact tip for use near sensitive areas of the body (i.e. eyes) as there is no possibility of splatter, or treatment of larger areas using the 5mm (about 0.2 in) and larger contact tips.

8. What is the risk of creating a scar?

- Using Nitrous Oxide as a coolant, the risk of scarring is decreased compared to other cryotherapy methods as the maximum penetration depth is 5mm (about 0.2 in).
- The freezing temperature of nitrous oxide is -89°C/-128°F compared to Liquid Nitrogen -196°C/346°F. The latter is well known for the risk of developing scars and blisters.
- In general, Cryotherapy is known for its excellent aesthetic results.

9. Will a treatment cause blisters?

- A treatment may cause a small blister. These can be covered with a small dressing.

10. How many treatments can I provide from one Cartridge?

- The diameter and type of applicator will determine the amount of gas used to cover the surface of the lesion plus the thickness of the lesion determines the necessary freezing time.
- For instance, a superficial lesion of 1mm (about 0.04 in) thickness may take 5 seconds of freezing whereas a large wart may need 20-25 seconds to freeze.
- In general, with a standard applicator attached to the device, a 25g cartridge contains up to 500 seconds (about 8 and a half minutes) of gas. (Suitable for up to 100 treatments).

11. What is the shelf life and storage requirements of Cartridges?

- The shelf life of the cartridges is documented at two years from manufacture date although, can be stored successfully for many years beyond this.
- After one year of storage, the cartridges may have a gas loss of <1% due to construction techniques.
- CE certification requires an expiry date to be placed on the cartridge.
- The cartridges are considered consumer commodities and as such storage is simple.
- They must be stored at room temperature, (Not above 50°C/122°F).

12. Transport

- Unlike Liquid Nitrogen, the Nitrous Oxide Cartridge and Devices are easily and legally transportable by road.
- The cartridges are like domestic soda bulbs. They can be carried on planes as hand luggage (with up to 2 cartridges), airlines require disclosure before boarding and this is subject to the airline's regulations.

13. Cartridge Recycling:

- Used, empty cartridges can be placed in domestic council recycling bins or general rubbish bins.

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Infection control, Cleaning and Autoclaving:

- The CryoIQ applicator tips and N₂O gas cartridge are provided non-sterile.
- A no-contact application is intended.
- The CryoIQ treatment protocol states that only intact skin should be treated, no bleeding or infected tissues should be in contact with the device.
- When operating the spray application, the CryoIQ device and applicator do not come in direct contact with the patient and there is no breach of the patient's dermis, as such the infection risk is classified as "Low" and therefore the unit and tip only requires periodic cleaning using Alcohol wipes or a lint-free cloth soaked in any noncorrosive disinfecting solution.
- If the tip should accidentally have contact with blood, mucous, or infected tissue it is mandatory to steam sterilize using an Autoclaves.
- Unscrew the gas cartridge from the body and sterilize the body and glass tip. Use a steam sterilizer at 134°C / 273°F, according to EN norms 13060 and 285. All other sterilization methods are excluded. **NEVER STERILIZE A CARTRIDGE!**

