



Rx-0719A/Rx-2719C Instructions for Use

SpiraLith®Ca CO₂ absorbents contain a new, easy to interpret color indicator system. The indicator bars will start to turn violet as the absorbent becomes consumed. Depending on conditions, the last bar may not change before exhaustion. Color change is useful in estimating the remaining absorbent life, but does not replace monitoring of FiCO₂. The absorbent should be replaced when FiCO₂ exceeds your hospital's limit (i.e. 0.5% volume or 4mm Hg).

**** SpiraLith® HOUSING MUST BE REUSED! DO NOT THROW AWAY! **Wear gloves when handling absorbent cartridges.**

Installation:

To Change a SpiraLith®Ca CO₂ absorbent cartridge, you will need to open the reusable housing (Rx-0719A), remove the old cartridge and insert a new cartridge (Rx-2719C).

- 1) Inspect the packaging of the new cartridge for damage prior to use.
 - a. If the shipping tube and/or shrink wrap is damaged or removed, the cartridge may have been exposed to CO₂ and should not be used.
- 2) Remove the shrink wrap and the lid from the clear shipping tube.
- 3) Remove the cartridge from the tube. **** DO NOT remove the label or plastic sleeve from the cartridge.**
- 4) Examine the cartridge for dents/blocked channels. Dented/blocked channels can reduce cartridge performance. Dented/blocked channels in the area of the color indicator may prevent/slow color indicator change.
- 5) Place the SpiraLith® Ca CO₂ absorbent into the Lid/Lock Ring assembly. (Figure 1)
 - a. Align the cartridge so that the "FLOW ARROW" is pointing to one of the slots in the lid (Figure 1)
 - b. Ensure the cartridge is seated properly in the lid
- 6) Place the housing over the cartridge, aligning the Handle with the Flow Arrow (Figure 2)
- 7) Carefully align the 4 tabs in the housing with the slots in the lid. (Figure 3)
 - a. Press down on the housing until it is fully seated in the lock ring/lid assy.(Figure 4)
- 8) Turn the locking ring to the locked position (Figure 5)

**** You will feel/hear a "click" when the cap is properly locked into position (Fig 6)**

Absorbent Disposal:

Rotate lock ring to unlocked position, open housing and dispose of used cartridge.

DO NOT DISPOSE OF PLASTIC HOUSING (attaches to anesthesia machine).

SpiraLith®Ca cartridges are fully disposable. Follow hospital approved guidelines for disposal of used CO₂ absorbents.

Cleaning the Housing:

1. Open canister and rinse the canister and the lid thoroughly inside and out with fresh running water.
2. Immerse the canister and lid in a sink with water and cleaning agent for at least 3 minutes. The water temperature should be about 40°C (104°F).
3. Rinse the canister and lid thoroughly with fresh running water.
4. Air or wipe dry prior to installing new cartridge.

The Solid Choice®



Figure 1: Place the cartridge into lid with the FLOW arrow aligned with one of the SLOTS in the lid/lock ring assembly



Figure 2: Place the housing over the cartridge, aligning handle with the FLOW arrow

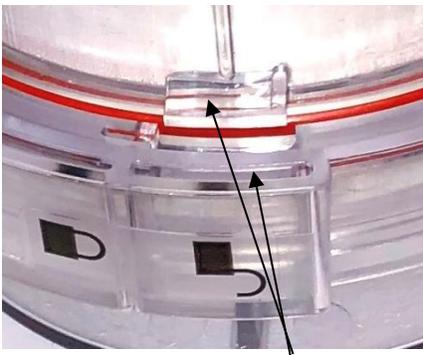


Figure 3: Carefully align tabs and slots and press the housing over the cartridge

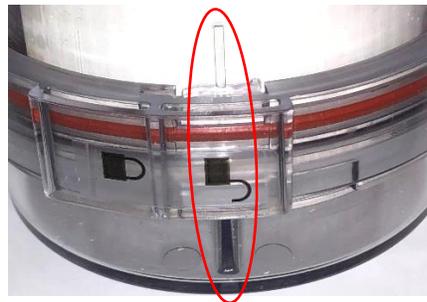


Figure 4: Lid UNLOCKED – Unlock icon aligned with lines in Body and Lid



Figure 5: Turn the locking ring counter clockwise. There is an audible “click” when locked

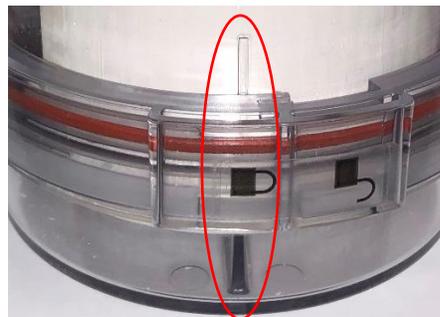


Figure 6: Lid LOCKED – Lock icon aligned with lines in Body and Lid