

Disposable Mechanic Pump



 By PJ Technologies

MECHANICAL INFUSION PUMP SYSTEM

The BeeLine® Pain Pump is a disposable mechanical pump that leverages syringe technology to continuously infuse rate specific local anesthetic to reduce post-operative pain at the source.

www.beelineinfusion.com



**“ At Beeline
We work for a
healthy World ”**



Meet The **Bee - Line** Infusion Pump

Our company has its base of operations in North America, we are dedicated to the manufacture, sale and distribution of equipment for the treatment of pain and supply of antibiotics.

We use technology and precision to develop mechanisms that make it easier for physicians to provide appropriate treatments for a healthy world.

Bee LINE, is suitable for ambulatory use in the hospital, home environment or alternative care site.

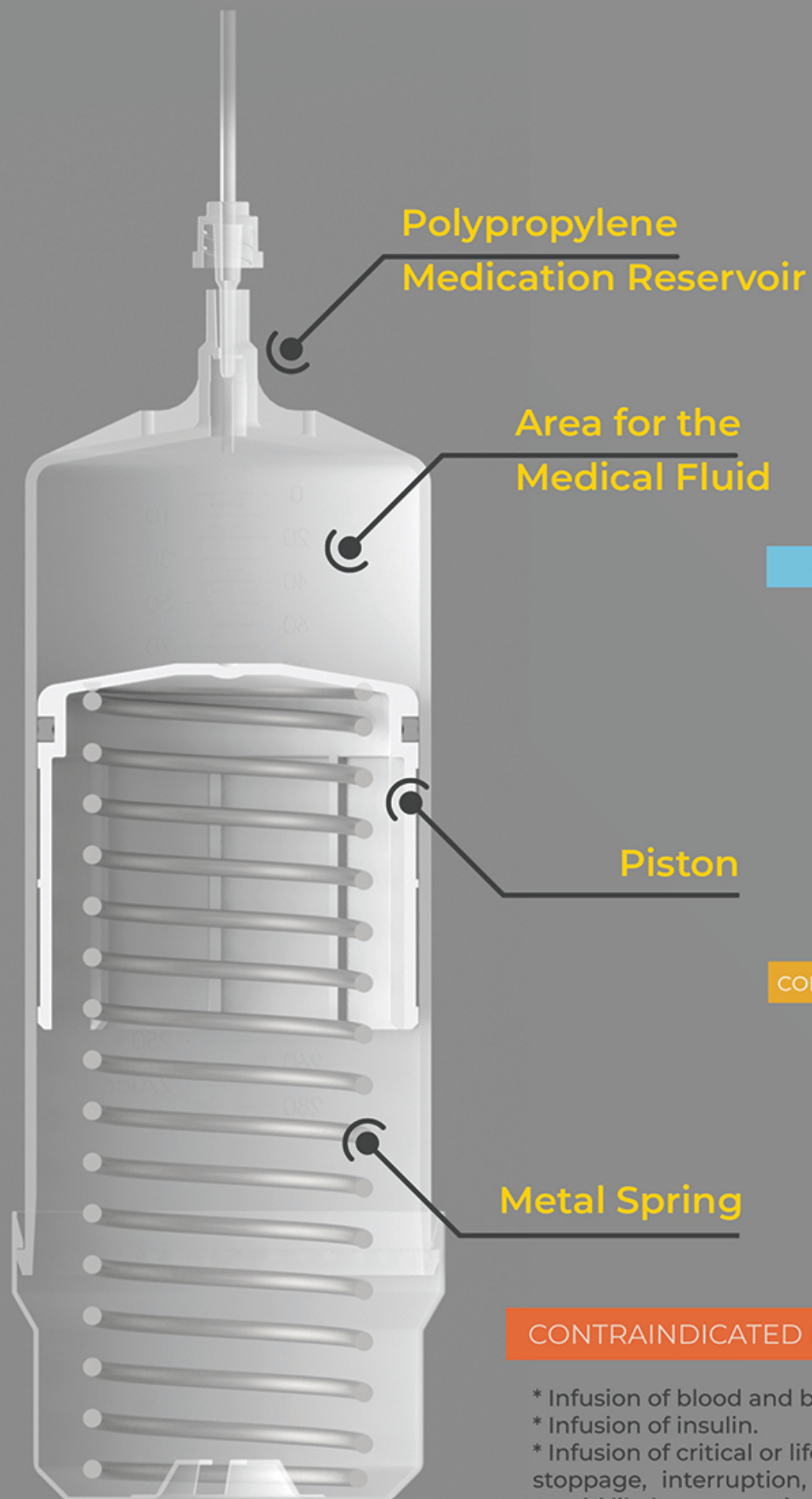
Bee LINE significantly decreases narcotic use and pain, compared with narcotic-only pain management.

PJ Technologies Medical Devices



 TECHNOLOGIES

PUMP MODEL BL1N00 - BL2N00



DESIGNED SPECIFICALLY FOR:

- * Antibiotics delivery
- * Pain management

CONTROLLED INFUSION OF FLUID:

- * Intravenous
- * Subcutaneous
- * Percutaneous

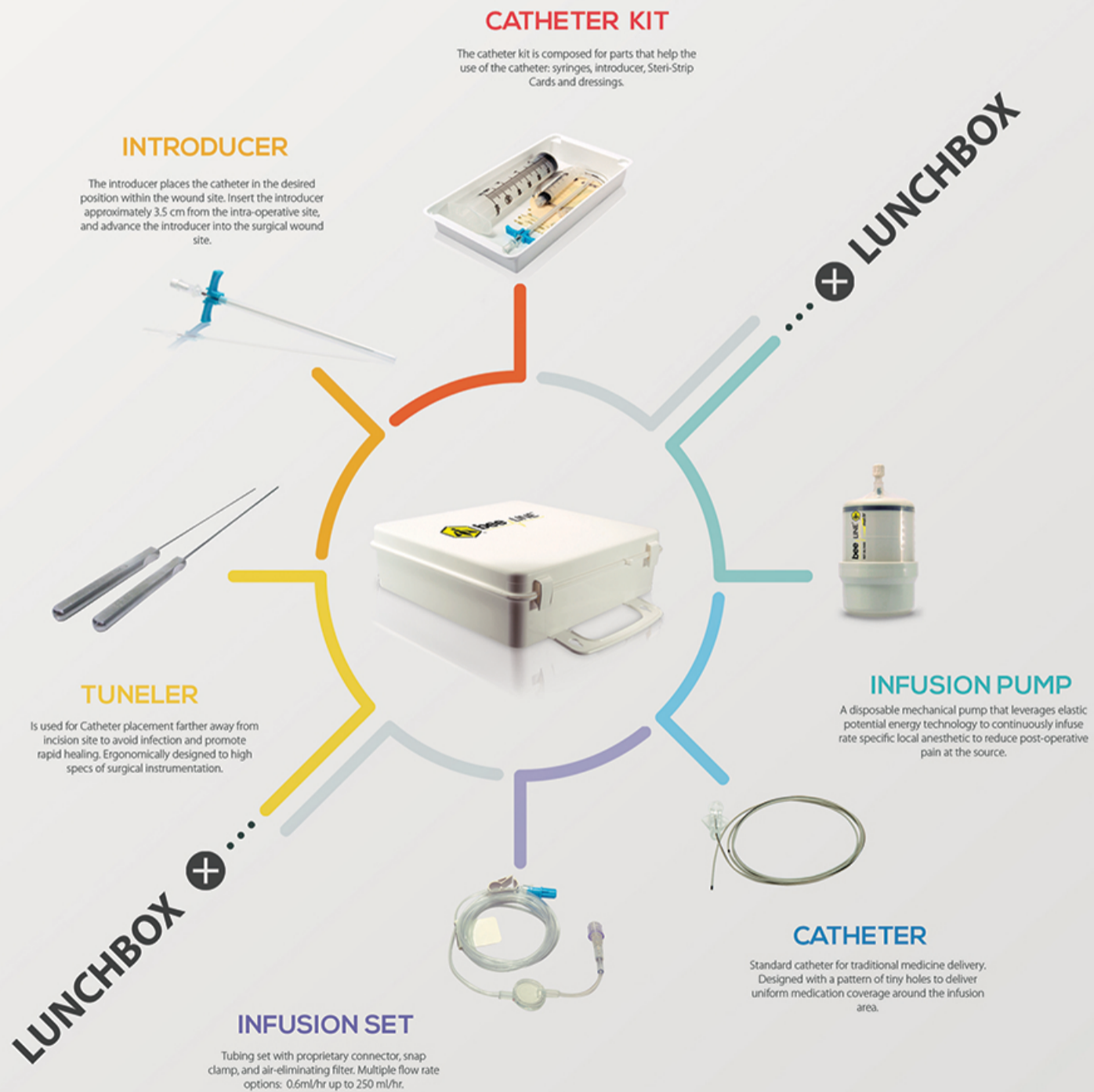
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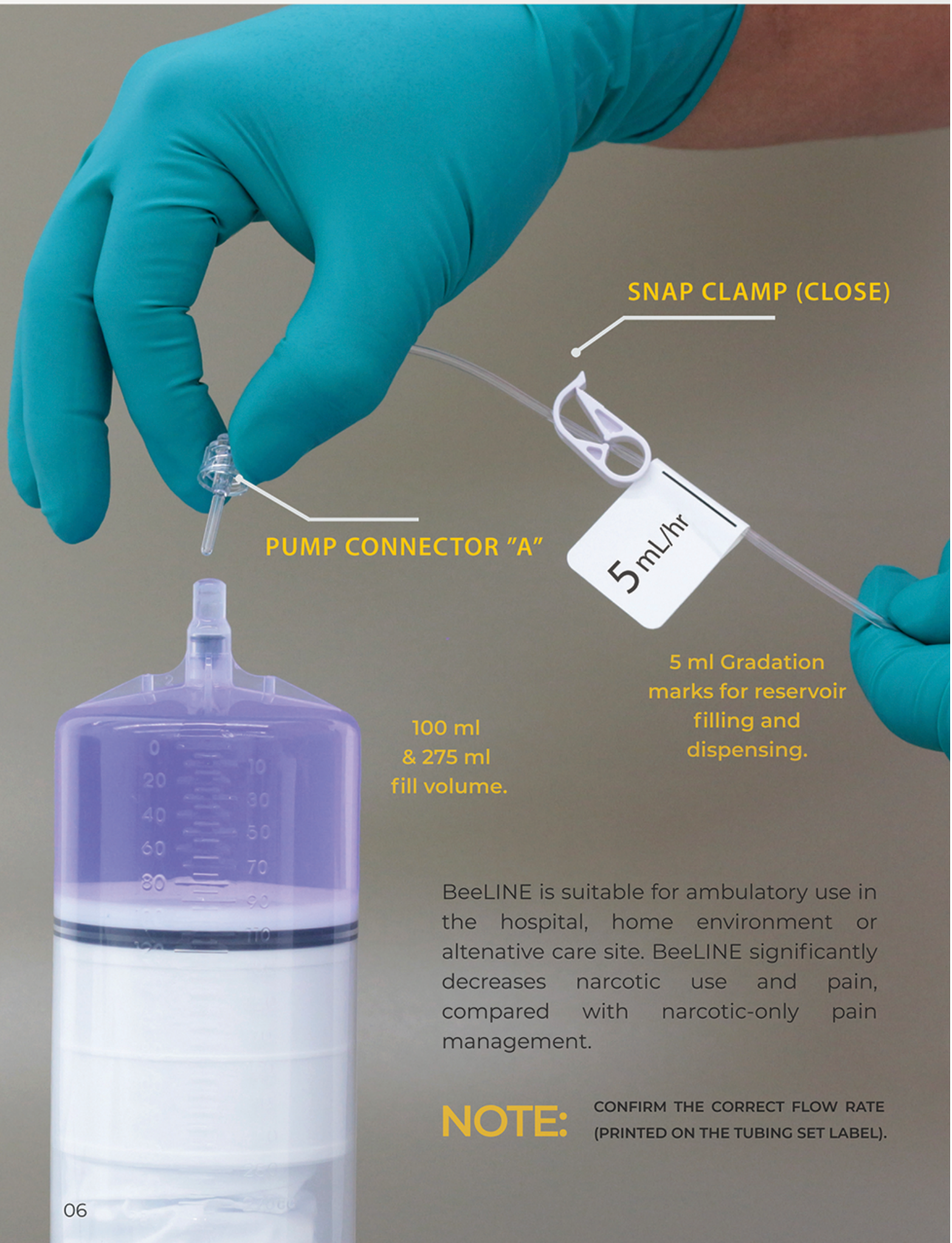
- * Infusion of blood and blood products.
- * Infusion of insulin.
- * Infusion of critical or life-supporting medications whose stoppage, interruption, over-delivery or under-delivery would likely cause serious injury or death.
- * Use in ambulatory regimens by patients who do not possess the mental physical or emotional capability to self-administer their therapy -OR- who are not under the care of a responsible individual.

LUNCHBOX

CONVENIENCE PACK

Know here the components of the lunch box and the function of each instrument for its proper use.





Infusion Set

Continuous, rate-specific

Tubing set with proprietary connector, snap clamp, and air eliminating filter multiple flow rate options: 0.6 up to 250 ml/hr.

PATIENT CONNECTOR "W/ CAP"



1.2-micron air-eliminating in-line filter, dispensing.

Verify that the W/Cap connector is properly assembled to the catheter to prevent the solution

PUMP CONNECTOR "A"

Turn and remove the blue connector cap to insert it correctly into the pump nozzle. Verify snap clamp is closed to avoid spilling the solution.



Types of flows:

Delivery Accuracy: +/- 15% of nominal rate

| | |
|---------|-----------------------|
| BL1D0/6 | 0.6 ml/hr Beeline Set |
| BL1D0/8 | 0.8 ml/hr Beeline set |
| BL1D1/5 | 1.5 ml/hr Beeline set |
| BL1D002 | 2 ml/hr Beeline set |
| BL1D004 | 4 ml/hr Beeline set |
| BL1D008 | 8 ml/hr Beeline set |
| BL1D010 | 10 ml/hr Beeline set |
| BL1D050 | 50 ml/hr Beeline set |
| BL1D100 | 100 ml/hr Beeline set |
| BL1D200 | 200 ml/hr Beeline set |
| BL1D250 | 250 ml/hr Beeline set |



RECOMMENDATIONS & WARNINGS

Please read carefully each of the sections of warnings and recommendations that manufacturers have considered important to avoid accidents or inconveniences when using this infusion pump. Remember that the use of this device must be supervised by a competent physician.

01

Avoid excessive force when removing the catheter. If resistance is met or if the catheter begins to stretch, STOP immediately. Continuing to pull could break catheter.

Cover the insertion site and call your healthcare provider for instructions.

02

Catheter removal: Carefully inspect the tip of the catheter for a black mark at the end of the catheter. If you do not see a black mark contacts your healthcare provider.

Do not exceed maximum volume or the pump may be damaged.

03

If there is redness or warmth at the catheter insertion site, contact your healthcare provider.

Remove catheter as soon as infusion is complete to reduce risk of infection and difficulty removing catheter.

DO NOT tug on the catheter. If resistance is met - STOP. See troubleshooting section.

04

An under-filled pump will flow at a slightly slower rate.

CONFIRM THE CORRECT FLOW RATE (PRINTED ON THE TUBING SET LABEL).

Use the carrying pouch for convenience and to protect the pump from damage during daily activities.

SETTING UP THE **bee** LINE[®] POST-OP

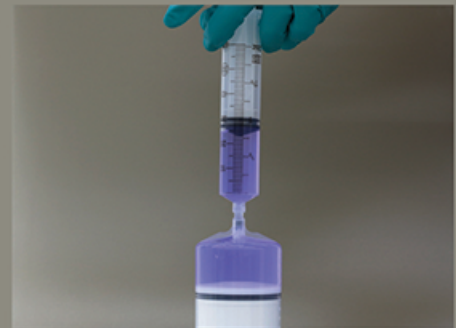
CAUTION - Use aseptic technique when preparing the beeline System for use.



1-Make sure the peel-patch packages are intact.



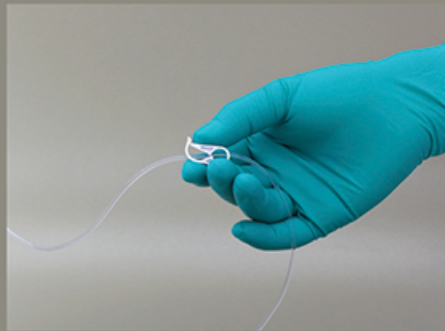
2-Confirm the correct flow rate printed on the tubing set label.



3-Fill the pump using a syringe. It is not immediately attaching the tubing set place the non-vented.



4-After filling the pump, connect the tubing set.



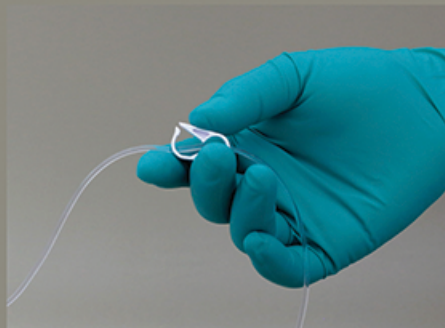
5-Close the tubing clamp discard the blue cap from the Proximal end.



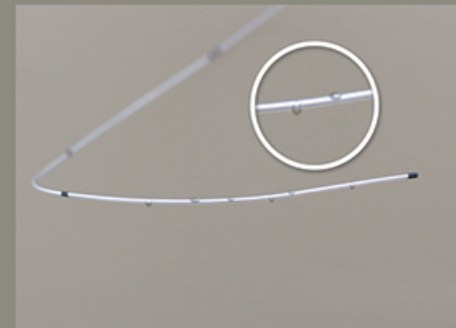
6-With the tubing clamp still closed, gently tap the pump on your work surface to collect any air bubbles into the pump.



7-After filling the pump, connect the tubing set.



8-With the pump sitting upright and all air collected under the fill part remove the white zip from the tubing set and open the tubing clamp.



9-Confirm that priming is complete and fluid is dripping from the distal end of the tubing set at the expected flow rate.



bee  **LINE**®

GET IN TOUCH!

PJ Technologies Medical Devices
4564 Doniphan Dr. El Paso Texas 79922
+ 1 - 844 -373 -9633
customerservice@beelineinfusion.com
www.beelineinfusion.com