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INFUSION

beeLINE motIV

Disposable Ambulatory Pump

The beeLINE motIV combines the simplicity of a gravity drip system with the accuracy of an infusion pump. Ideal for chemotherapy, antibiotics infusion, and pain management, the beeLINE simply and safely handles medical regimens from 30 minutes up to 7 days.



◀ Pump Shown
Actual Size

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- **Disposable syringe infuser:**
Eliminates need for IV poles, roller clamps, or drop counting. Improves compliance and increases clinical efficacy in the hospital or at home.
- **100 mL and 275 mL syringe reservoirs:**
For delivery of medication regimens up to 7 days.
- **Wide range of flow sets:**
Designed specifically for antibiotic, chemotherapy, and pain management applications.
- **Easy to read 5 mL graduation marks:**
Improves infusion monitoring.
- **Rigid polypropylene reservoir:**
Reduces concerns about bursting or damage.
- **6 psi nominal pressure:**
Helps maintain catheter patency.
- **Freedom from cleaning and calibration:**
Eliminates patient-to-patient contamination.
- **No alarms or programming steps required:**
Reduces training, simplifies therapy, and provides greater patient satisfaction.

Catheter Kit Components



- Catheter kit options include peel away introducer needle, extension set, Tegaderm™ dressing, SteriStrip™ cards, priming/flushing syringes and a saturation catheter.
- The Saturation Catheter is fenestrated, containing a pattern of tiny holes around its circumference to deliver uniform medication coverage around the infusion area.
- The Saturation Catheter is available in 6.35 cm, 12.7 cm, and 25.4 cm lengths.



Product Specifications

Pumping Mechanism	Spring-driven syringe style action
Fill Volume	100 mL + 10 mL optional overflow 275 mL + 10 mL optional overflow
Flow Rate Accuracy	+/- 15% of nominal flow rate
Dimensions	100 mL Infuser = 13 cm x 7 cm 275 mL Infuser = 19 cm x 7 cm
Weight	100 mL Infuser = 180 g (unfilled) 275 mL Infuser = 240 g (unfilled)
Positive Pressure	6 psi nominal / 310 mmHg
Infusion Sets	Slow-flow: 0.6, 0.8, 1.5, 2.0, 4.0, 5.0, 8.0 mL/hr Fast-flow: 50, 100, 200, 250 mL/hr
Fluid Path Materials	Slow-flow (< 20 mL/hr): polyethylene, polypropylene, silicone, butyl rubber, nitrile rubber, PVC, acrylic, PTFE, cellulose acetate, glass. Latex-free. Contains DEHP. Fast-flow (≥ 20 mL/hr): polyethylene, polypropylene, silicone, butyl rubber, nitrile rubber, PVC, acrylic. Latex-free. DEHP-free.
Operating Temperature	The beeLINE motIV is calibrated to deliver solution at the labeled nominal flow rate when the temperature of the infusate at the distal Luer is 86°F / 30°C (slow-flow infusion sets) and 72°F / 22°C (fast-flow infusion sets). Flow rate increases approximately 1% per 1°F / 0.56°C increase in temperature.
Fluid Viscosity	The beeLINE motIV is calibrated using 5% Dextrose in Water (slow-flow infusion sets) and 0.9% Normal Saline (fast-flow infusion sets) as the infusate. Flow rate increases as fluid viscosity decreases.
Head Height	The beeLINE motIV is calibrated with the infuser 18" / 45.7 cm below the infusion site at the patient. Flow rate decreases approximately 6% for every 10" / 25.4 cm that the infuser is lowered.
Visual Alerts	Graduation marks at 5 mL intervals to allow monitoring of infusion status. Clear polypropylene barrel allows for visualization of reservoir contents.



Moog Medical Devices Group

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