



**ULTRA FOR MEDICAL PRODUCTS CO.**

## **INSTRUCTION FOR USE**

### **Material Used:**

- Polypropylene (P.P)
- ABS (Acryl nitrile butadiene styrene)
- Paper Filter.
- Button Filter.
- P.V.C ( Poly Vinyl Chloride) Medical Grade
- Polypropylene (P.P) + Master Batch (Blue& White) (P.P); Medical Grade.
- ABS Medical Grade.
- Latex Bulb
- High-density polyethylene (H.D.P.E)
- Y-Site Injection Port.
- S. Steel

### **Indications:**

- The Infusion Sets are used to administer Intravenous fluid and medicines into human circulating system.
- If a patient is ill and has fluid loss related to decreased intake, surgery, vomiting, diarrhea, or diaphoresis, the patient may require IV therapy.
- To replace fluids and electrolytes and maintain fluid and electrolyte balance: The body's fluid balance is regulated through hormones and is affected by fluid volumes, distribution of fluids in the body, and the concentration of solutes in the fluid.
- To administer medications, including chemotherapy, anesthetics, and diagnostic reagents: About 40% of all antibiotics are given intravenously.
- To deliver nutrients and nutritional supplements: IV therapy can deliver some or all of the nutritional requirements for patients unable to obtain adequate amounts orally or by other routes.

### **Contraindications:**

- Some patients have anatomy that poses a risk for fluid extravasation or inadequate flow and peripheral IVs should be avoided in these situations.
- Examples include extremities that have massive edema, burns or injury.
- For the patient with severe abdominal trauma it is preferable to start the IV in an upper extremity because of the potential for injury to vessels between the lower extremities and the heart.
- For the patient with cellulitis of an extremity, the area of infection should be avoided when starting an IV because of the risk of inoculating the circulation with bacteria. As well, extremities on the side of a mastectomy or that have an indwelling fistula should be avoided because of concerns about adequate flow.
- Administration of highly viscous fluids.
- Blood transfusion
- Not to be used in patients with known hypersensitivity to any of the materials used.

### **Instruction For Use**

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**Sterile I.V. INFUSION SET**

**Instruction for Use:**

- Close completely flow control clamp.
- Remove spike protector and insert full length of spike into the container.
- Suspend container & fill the drip chamber half full with solution by squeezing and releasing.
- Remove the needle protector. Open the flow control clamp gradually allowing the solution to displace air entirely in tubing and needle. Then close clamp tightly.
- Perform vein puncture & regulate the flow rate by opening the clamp gradually.

**Cautions:**

- Do not use if package is open or damaged.
- Use rubber part only for injecting the medicines.
- For Single use.
- Discard after single use, Reusing can be associated with Cross infection, Device Malfunction and Reactions to endotoxins as sterilization will not inactivate toxins produced by the breakdown of Gram-negative bacteria even if the bacteria themselves are killed

**Conditions of Handling, Preservation and Storage:**

- Not more than 5 cartoons on each other.
- Nice Ventilated place.
- Out of Sun light.
- Suitable temperature.



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Sterilized by Ethylene Oxide

For Single Use Only

See Instruction for use

Non- Pyrogenic

Don't use if package is not intact



Lot No.



Date of Manufacturing



Use by / Expiry date



Catalogue No.



Non-phthalate

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