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The Mangum™ Micro Delivery Set is a closed system for use with a syringe pump for administration of IV medications and IV solutions.

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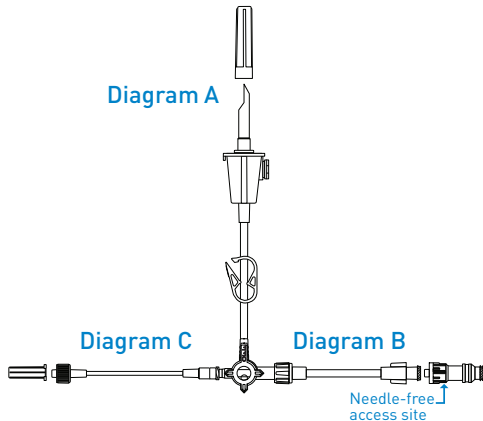


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Mangum™ Micro Delivery Set Quick Reference

Mangum™ Set



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Using aseptic technique:

1. Remove sterile product from pouch. Verify that all connections are secure. Close pinch clamp.
2. Close vent on the tubing if spiking a fluid bag; open the vent if spiking a bottle.
3. Remove spike protector and insert spike in the bag or bottle. **(Diagram A)**
4. Remove the protector from extension tubing, attach needle-free access site, and connect syringe to the needle-free access site. **(Diagram B)**
5. Turn stopcock OFF to the patient line. **(Position 1)** Open the pinch clamp and fill syringe with solution from bag or bottle.
6. Turn stopcock OFF to the solution bag or bottle. **(Position 2)** Close pinch clamp.
7. Without disconnecting the syringe, expel air out of the syringe while manually priming the line to the patient with fluid. **(Diagram C)** Tubing is NOT connected to the patient during this process.
8. Load syringe on syringe pump and follow the appropriate syringe pump instructions for fluid or medication administration.

9. Upon completion of fluid or medication administration, turn stopcock OFF to the patient. **(Position 1)** For next infusion, clean and disinfect needle-free access site and connect a new syringe. *(Refer to hospital policy)*

