

# Medic<sup>®</sup> Plastic Anti-Stick Needle/Connector



The Medic plastic anti-stick needle/connector was engineered to help reduce the risk of accidental needlesticks. It meets the requirements for engineered sharps protection described by OSHA. The Medic is a safe, easy, cost effective means of reducing the use of sharps in your clinic.

With its bevel tip and slim taper, the Medic punctures elastomeric ports easily. This design allows compatibility with Medisystems blood tubing sets, as well as Gambro<sup>®</sup> Cartridge Sets for use with Centrysystem<sup>®</sup> 3 and Phoenix<sup>®</sup> machines.



*Draw medication from a vial.*

*Administer via a female luer.*

*Draw a sample from an injection site.*

*Transfer directly to a collection tube.*

The Medic reduces the risk of accidental needlesticks by performing the functions of a traditional needle, without the risk of skin puncture.<sup>1</sup>

- Can be used with any standard luer lock syringe.
- Securely connects to female luers on hemodialysis catheters, AV fistula needles, blood tubing sets and dialysis priming sets.
- Easily accesses drug vials, blood collection tubes, and ReadySet<sup>®</sup> blood tubing.
- Medic with the EpoSaver<sup>™</sup> technique virtually eliminates EPO waste.



**Unique Bevel Tip**

## Minimize the risk of accidental sticks.



# Safety and versatility... that's the point.



The Medic is packaged in an individual, sterile container with a paper pull-tab for convenient aseptic syringe access. To use this new container, simply peel back the paper tab, luer lock a sterile syringe onto the Medic, and remove from the container.

## A SIGNIFICANT ADVANCE IN EPO ADMINISTRATION

The Medic can be used for safe and efficient administration of IV EPO during hemodialysis, and minimizes EPO waste. The EpoSaver technique with the Medic may translate into cost savings for your unit.

A clinical study<sup>2</sup> demonstrated two findings:

- The Medic using the EpoSaver technique delivers serum concentrations of EPO comparable to those achieved using a standard "medication saving" syringe.
- Serum concentrations of EPO were unaffected by administration above the venous filter.



*Inject EPO into the Medisystems injection site.*



*Pull back the plunger to dilute the remaining EPO with blood, then inject again. Repeat 3 times to minimize EPO waste.*

 **MEDISYSTEMS**  
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Questions or comments:  
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1 90x more force is required to puncture the skin with Medic compared to a standard hypodermic needle.  
2 Alkesh J, Peterson J: Delivery of Erythropoetin with a Needleless Injection System (Medisystems) During Dialysis Maintains Plasma Levels; Dept of Nephrology, Stanford University School of Medicine, CA.  
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