Medrad® PRES Pressure-Rated Extension Set

Medrad PRES is an extension set available that is both pressure-rated for use with power injection and specifically approved by Bayer for use with Medrad® CT Contrast Injection Systems. Medrad® PRES is approved for use with power injection systems that have a pressure limit of 300 psi.

Medrad PRES is specially designed to tolerate the high pressures that accompany power injection of CT contrast media. Extension sets not rated for pressure injection can leak and rupture at pressures that are common with power injection.

Some of these ruptures have resulted in extravasation of contrast media, loss of venous access requiring device replacement, and contamination of the room and personnel with blood and contrast media.¹
Medrad® PRES Pressure-Rated Extension Set

Increased Fluid Delivery Confidence and Throughput in CT Suites

Medrad® PRES is easy to use and allows placement of IV Catheters in a remote location, reducing preparation time spent in the Scan Room. PRES helps achieve compliance with FDA recommendations relating to preventing rupture of vascular access devices when used with power injection systems.²

Medrad® PRES:
- Uses a Swabbable Valve to enable multiple sterile accesses to patient’s IV catheter
- Positive displacement valve minimizes blood reflux in catheter
- Tested for microbial ingress according to FDA guidance³
- Is easy to connect to patient’s IV catheter with one hand using a rotating luer
- Also serves as a standard extension set for infusion/gravity flow applications


Medrad® PRES is inserted into the line between the appropriate Connector Tubing and the patient’s IV catheter.

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