



Enhanced Patient Safety at Every Step

- ◆ Enhanced Patient Safety
- ◆ Prevent Moderate to Severe Extravasations

Certegra®
@ Point of Care

VirtualCare®
Remote Support

medRAD® XDS®
Extravasation Detector

medrad® XDS®

Extravasation Detector

Your patients have confidence in you. You should have confidence in the devices you use to protect their safety.

Bayer's Medrad XDS Extravasation Detector System technology for the Medrad® Stellant® CT Injection System directly senses contrast or saline pooling under a patient's skin during a Computed Tomography (CT) procedure. The patented Medrad XDS technology is designed to prevent moderate to severe extravasations that may seriously injure patients.

Reliable Radiofrequency Technology Makes the Difference

The Medrad XDS uses patented radiofrequency (RF) wave technology to reliably detect an extravasation and stop the injection before the extravasation becomes severe.

Upon activation, the Medrad XDS establishes a baseline measurement for each specific patient. During the injection, the Medrad XDS transmits an RF signal through the injection site tissue to directly detect the presence of an extravasation (Figure 1). The signal passes freely through the tissue when there is no extravasated fluid. If an extravasation occurs, the signal change is detected and the injection is stopped.

Easy to use without interrupting workflow

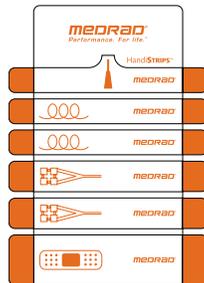
- Exclusive RF wave technology enables the Medrad XDS to minimize false positive detections that interrupt workflow
- Setup is quick and easy
- Medrad XDS sterile disposables are designed to allow easy and consistent positioning of the Medrad XDS sensors every time
- Medrad's exclusive HandiSTRIPSTM Medical Adhesive Tape & Bandages are like having a third hand to quickly and easily secure the catheter, tubing and Medrad XDS components
- Sterile Medrad® HandiSTRIPSTM can replace non-sterile tape and eliminate the need to manually prepare strips of tape for each procedure



Enhanced patient safety at every step



1. The sensors of the Medrad® XDS® are placed on the patient where they will not interfere with palpation, a “critical step in preventing significant extravasation” according to the American College of Radiology’s Manual on Contrast Media¹
2. The Sensor Interface Disposable (SID) and HandiSTRIPS™ secure the sensor in place quickly, without the need to prepare strips of adhesive tape
3. The Medrad XDS self-test feature verifies correct operation of the sensors prior to attaching the Medrad XDS to each patient, so you can be confident that the system is working properly
4. Upon activation, the Medrad XDS establishes a baseline for each patient to optimize its ability to detect an extravasation



The Medrad XDS fully integrates with Medrad’s Stellant CT Injection System, which was developed with patient safety as a priority. Saline Test Inject allows you to confirm patency of the vein before delivering contrast.

One serious extravasation is one too many

Although the frequency of serious extravasations is low², just one major event can put your patients at risk, subject your hospital and staff to liability costs, and potentially damage your hospital’s reputation. By using the Medrad XDS on every patient, you are more likely to prevent a serious extravasation and the costs associated with it.

VirtualCare® Remote Support Capabilities

With the inclusion of a VirtualCare® Remote Support system, alerts are monitored and resolved proactively. That’s forward thinking you can’t afford to miss out on.

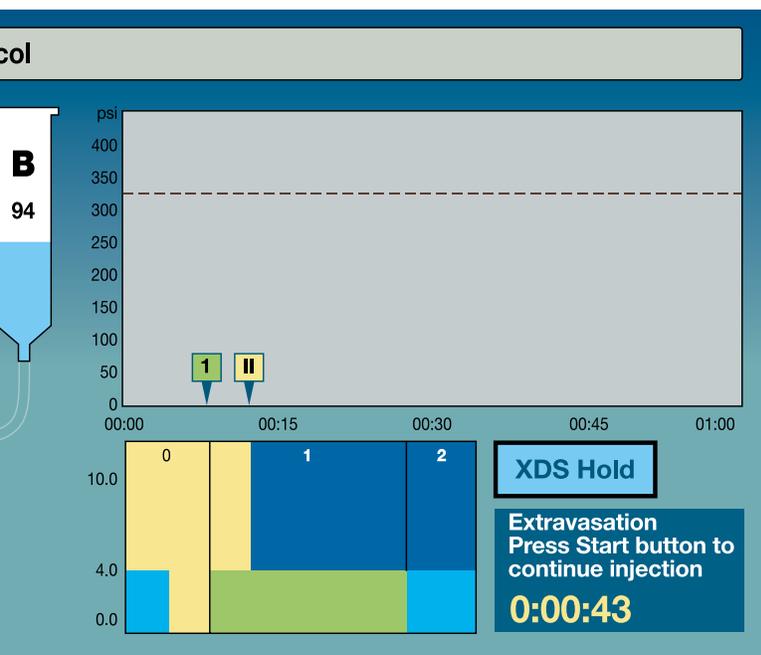
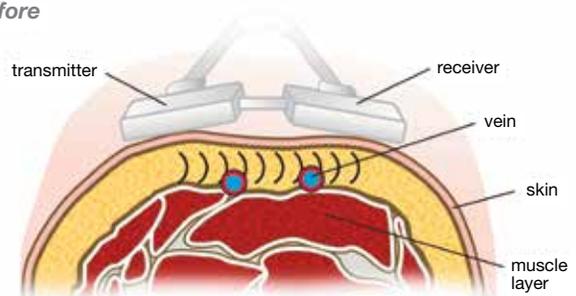
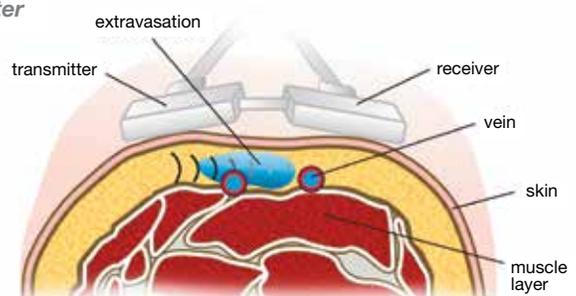


Figure 1
Before



After



Bayer’s exclusive detection technology reliably detects extravasations while still low in volume, typically 5 – 11 mL, to prevent a serious event, while minimizing false positives that interrupt workflow and inhibit productivity.

Ordering Information

System

Extravasation Detector System, includes:	<i>Catalog Number</i>	XDS 700
Scan Room Module	SRM 700	
Control Room Module	CRM 700	
Patient Sensor Assembly	PSA 700	

Accessories

Power Cord - N. America and Japan	535-0243-012
Power Cord - International	535-0127-012
Power Cord- China	3013369

Disposables

Patient Interface Disposable (PID) (includes Medrad® XDS® SID and Medrad® HandiSTRIPS)	XDS PID	Box of 100
Medrad HandiSTRIPS only	XDS HS	Box of 100
Sensor Interface Disposable (SID) only	XDS SID	Box of 100

New! Order disposables online

The myORDERS website makes it easy to order Bayer disposables and keep track of your orders online. We take care of your orders so you can take care of your patients.

myORDERS
.Bayer.com

Specifications

Scanner Room Module (SRM)

Dimensions:	
13.0" (33.0 cm)	Long;
5.0" (12.7 cm)	Wide;
6.0" (15.2cm)	Deep
Weight:	4.5 lbs (2.0 kg)

Certegra® Workstation (CWS)

Dimensions:	
12.71" (32.28 cm)	Tall;
15.58" (39.58 cm)	Wide;
10.5" (26.67 cm)	Deep
Weight:	17.6 lbs (8.0 kg)

Patient Sensor Assembly

Dimensions:	
86" (218.4 cm)	Long;
1.86" (4.7 cm)	Wide;
0.30" (0.76 cm)	Deep

Power Cords

North America and Japan:	12 ft. (3.6 m)
International:	9.8 ft. (3 m)
China:	8.2 ft. (2.5 m)

Environmental Specifications Non-Operating: (Transportation and Storage)

Temperature:	-25° C to 65° C (-13° F to +149° F)
Humidity:	5% to 95% R.H., non-condensing
Air Pressure:	48 kPa to 110 kPa
Operating:	480 hPa to 1,100 hPa

1 ACR Manual on Contrast Media Version 10.2 2016 ACR Committee on Drugs and Contrast Media (v0.2)
Accessed 13 December, 2016
2 <http://www.highbeam.com/doc/1G1-165578164.html>



Equipment Service by Bayer

The #1 way to keep Bayer devices performing at peak efficiency is with Equipment Service by Bayer at the time of purchase.

Think ahead.
Plan ahead.
Stay ahead.



Bayer

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