




# Efficient. Smart. My MR Injector.

-  Saves time
-  Increases confidence
-  Enhances patient care

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PP-M-MRX-ALL-0003-1 January 2019

## Comparison Guide

MEDRAD® Spectris Solaris EP  MEDRAD® MRXperion



Clear Direction.  From Diagnosis to Care.

**MEDRAD**® MRXperion  
MR Injection System

## MEDRAD® Spectris Solaris EP MR Injection System



Manually  
Reliable



## MEDRAD® MRXperion MR Injection System



Automatically  
Reproducible

MEDRAD® MRXperion's automatic features have raised the standards on safety, ease-of-use and connectivity.

### MEDRAD® Spectris Solaris EP



### MEDRAD® MRXperion

#### SAFETY



- Manual calculation of dose and eGFR
- Manual priming

- On board calculators for weight-based dose and eGFR
- Automatic safety features such as priming, test inject and KVO

#### USAGE



- Manual alignment of syringes
- Manual piston movement
- Manual syringe filling

- Automatic lock of syringes
- Automatic piston movement
- Automatic filling according to protocol
- Pressure graph
- Reminders

#### HEALTHCARE IT



- Additional hardware needed\*\*

- Automatically capture contrast media information with barcode reader\*
- Access to Modality Worklist\*
- Automatic data capture and data transfer to PACs, RIS, Speech Recognition\*
- Contrast usage analysis\*

\* Available as an option in select markets

\*\* For connectivity with VirtualCare only.  
No additional informatics capability can be added to SSEP.

## MEDRAD® Spectris Solaris EP



## MEDRAD® MRXperion



### DOSE CALCULATION

**Manual calculation**  
External charts and resources for weight-based dosing and eGFR calculations

00:10

**On-board calculation**  
eGFR and weight-based dosing calculators

00:05

### SYRINGE INSTALLATION

**Manual installation**  
Manually align and lock syringes

00:10

**Snap & Go Syringes**  
Automatic locking and alignment of syringes

00:05

### DOCKING

**Manual docking of syringes**  
Manually advance pistons

00:15

**Auto docking of syringes**  
Auto advance of pistons

00:10

### LOADING

**Manual loading fluid**  
Using syringe markings

00:20

**Auto loading fluid**  
With programmed fluid volumes

00:10

### PRIMING

**Manual prime**  
Manually purging air

00:10

**Auto prime**  
Automatically purging air

00:05

### INJECTION

**Manual monitoring of injection**  
Select phase and monitor injection progress

**Automated audio and visual cues**  
Real-time monitoring of injection using pressure graph

### PISTON RETRACT

**Manual retract**  
After syringes are removed

00:25

**Auto retract**  
After syringes are removed

00:05

### TOTAL ELAPSED TIME



**Manual workflow steps**  
Manual workflow keeps resources tied up

01:30

**Enhancing patient care**  
Automated features allow for more time with patients

00:40

**MEDRAD® MRXperion MR injection System with automated workflow increases ease of use, saves time and enables the hospital staff to focus their attention on patient care.**