



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® Spectris Solaris EP

- > Manual calculation of dose and eGFR
- > Manual priming, test inject and KVO

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

- > Additional hardware needed**

** Available as an option*

*** For connectivity with VirtualCare only.*

No additional informatics capability can be added to SSEP.



MEDRAD® MRXperion

SAFETY



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

USAGE



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

HEALTHCARE IT



- > 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*

MEDRAD® Spectris Solaris EP



MEDRAD® MRXperion

DOSE CALCULATION

Manual calculation

External charts and resources for weight-based dosing and eGFR calculations

On-board calculation

eGFR and weight-based dosing calculators

SYRINGE INSTALLATION

Manual installation

Manually align and lock syringes

Snap & Go Syringes

Automatic locking and alignment of syringes

DOCKING

Manual docking of syringes

Manually advance pistons

Auto docking of syringes

Auto advance of pistons

LOADING

Manual loading fluid

Using syringe markings

Auto loading fluid

With programmed fluid volumes

PRIMING

Manual prime

Manually purging air

Auto prime

Automatically purging air

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

Auto retract

After syringes are removed

MANUAL vs AUTOMATED

Manual workflow steps

Manual workflow keeps resources tied up

Enhancing patient care

Automated features allow for more time with patients

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.

Efficient. Smart. My MR Injector.



Saves time



Increases confidence



Enhances patient care

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