



# 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

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.**

