



Intelligent, Intuitive, Innovative



**Certegra™**  
@ Point of Care

**VirtualCare™**  
Remote Support

**MEDRAD®** Stellant  
CT Injection System

## CT Imaging Solutions Start Here...

The MEDRAD® Stellant D Dual Syringe CT Injection System is reliable and easy-to-use. It is an integral piece of the Bayer CT imaging solution, which also includes the Radimetrics™ Enterprise Platform, Quality Consumables, and Services (Extended warranties including VirtualCare™ Remote Support).

Protocol options for the most advanced clinical applications:

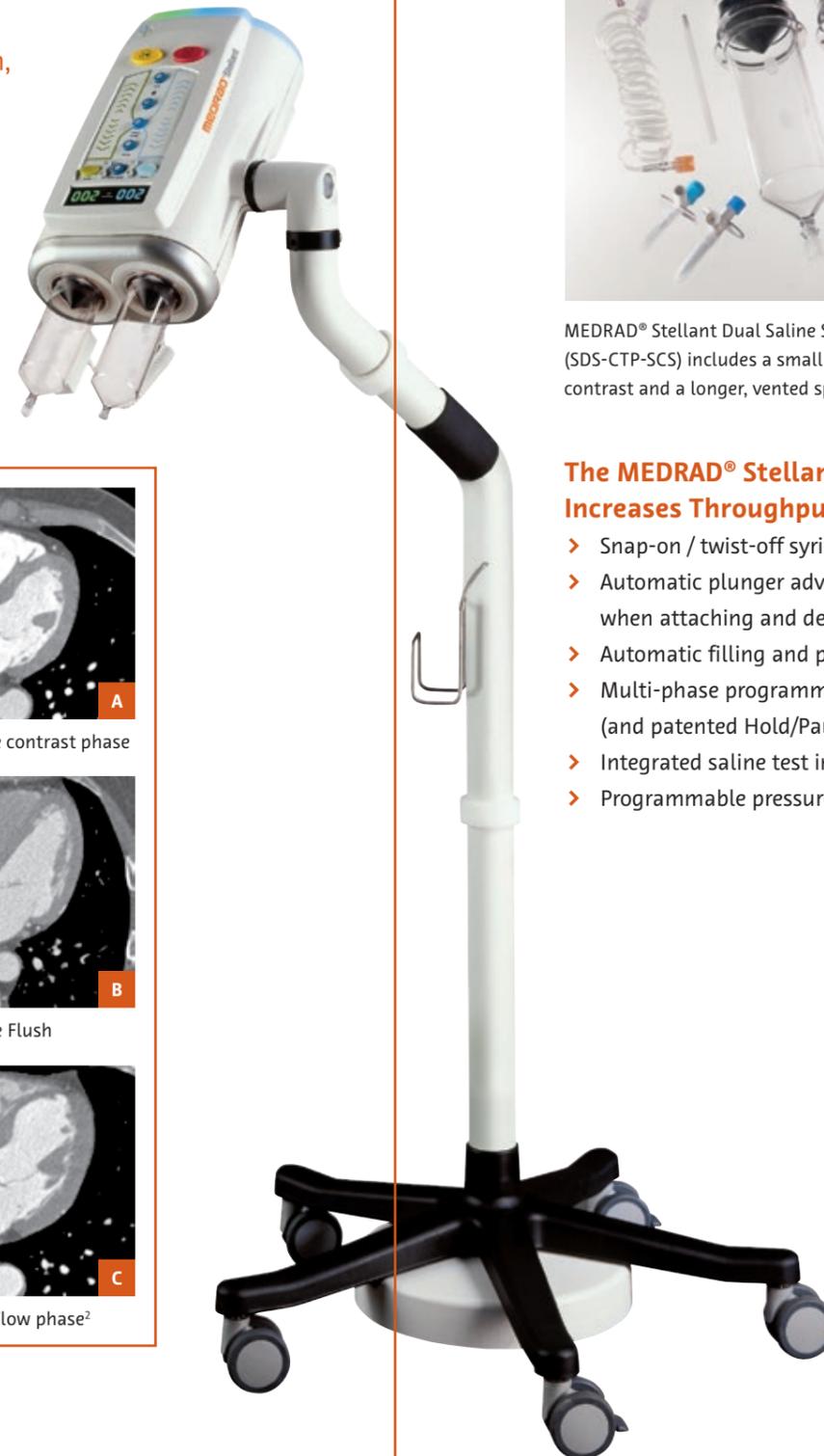
- › Designed for complex contrast-enhanced CT protocols
- › Creates a tight contrast bolus
- › Enables precisely timed contrast delivery

### Clinical Benefits of Injecting Contrast and Saline at Different Ratios to Visualize the Whole Heart

Clinical research has shown that simultaneous injection of contrast and saline, in user-selected ratios, can<sup>1</sup>:

- › Provide more uniform attenuation of the right and left ventricles
- › Minimize artifacts by achieving proper attenuation levels
- › Visualize the right coronary arteries and right ventricles in a single study by achieving more uniform attenuation

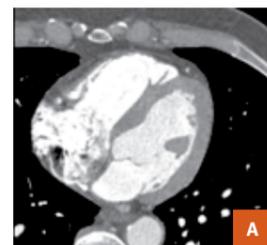
DualFlow can provide the ability to perform simultaneous injection of contrast and saline with the MEDRAD® Stellant D Injection System.



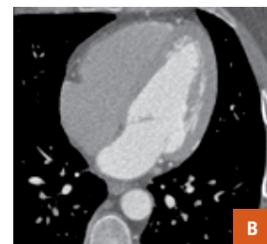
MEDRAD® Stellant Dual Saline Syringe Kit (SDS-CTP-SCS) includes a small spike for contrast and a longer, vented spike for saline

### The MEDRAD® Stellant D Efficiently Increases Throughput With:

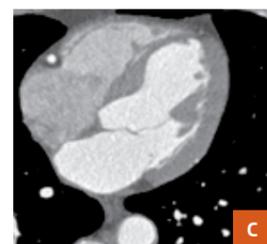
- › Snap-on / twist-off syringe design
- › Automatic plunger advance and retract when attaching and detaching syringes
- › Automatic filling and priming
- › Multi-phase programming (and patented Hold/Pause feature)
- › Integrated saline test inject
- › Programmable pressure limit



A With single contrast phase



B With Saline Flush



C With DualFlow phase<sup>2</sup>

## Certegra™

@ Point of Care

### Certegra™ Workstation for MEDRAD® Stellant D Injection System

The command center for intelligent CT Contrast Dose Management Solutions.



### Certegra™ Workstation highlights:

- › Informatics ready platform – enables interconnectivity between your scanner, the MEDRAD® Stellant D Dual Head Injector, PACS, RIS, and Speech Recognition Systems
- › Enhanced protocol manager
- › Ability to add Certegra™ P3T™ 2.0 Software to drive protocol standardization through new capabilities including presets for radiologist-preferred protocols and the ability to save and recall P3T™ software protocols

Certegra™ Workstation is the cornerstone of the Certegra™ @ Point of Care application, the industry's first<sup>3</sup> Contrast Dose Management Solution. The data you need is centrally mobilized and instantly available.

## VirtualCare™

Remote Support

### 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.

1 Kerl JM, Ravenel JG, Nguyen SA, et al. Radiology. 2008;247:356-364.  
2 Jensen CT. NASCI Abstract # 05-A-69-NASCI.  
3 Reference on file.

Injection Specifications	
<b>Flow Rate (Range &amp; Increments)</b>	0.1 to 10 mL/sec in 0.1 mL increments
<b>Volume (Range &amp; Increments)</b>	0.1 to 10 mL/sec in 0.1 mL increments
<b>Programmable Pressure Limit (psi/kPa)</b>	200 mL syringe: 325 psi, 2241 kPa
<b>Scan Delay</b>	0-300 seconds (5 minutes) in 1 second increments
<b>Pause</b>	1-900 seconds (15 minutes) in 1 second increments
<b>Hold</b>	Maximum HOLD time is 20 minutes
<b>Syringes (Volume Capacity)</b>	200 mL sterile disposable syringe
<b>Maximum Number of Phases</b>	6

Miscellaneous Specifications	
<b>Electrical Requirements (VAC/Hz)</b>	100-240 VAC, 50/60 Hz, 300 Volts-AMPS
<b>Syringe Heat Maintainer Range</b>	95 degrees F +/-9 degrees 35 degrees C +/-5 degrees
<b>Head Mounting Options</b>	Overhead Counterpoise System or Floor Pedestal (Floor Pedestal includes an Integral IV Pole)
<b>DualFlow</b>	Simultaneous Injection of Contrast and Saline
<b>Certegra™ P3T™ Cardiac</b>	Patient-specific Injection Protocols for Cardiac CTA
<b>Certegra™ P3T™ Abdomen</b>	Abdominal Protocol Optimization Software
<b>Certegra™ P3T™ Pulmonary Angiography</b>	Pulmonary Angiography Protocol Optimization Software

Mechanical Specifications	Height	Width	Depth	Weight
<b>Dual Injector Head</b>	6.1" (15.5 cm)	12.1" (30.7 cm)	14.5" (36.8 cm)	17.9 lb (8.1 kg) <i>(without syringe)</i>
<b>Base Unit</b>	11.5" (29.2 cm)	11.0" (27.9 cm)	8.8" (22.2 cm)	13.6 lb (6.2 kg)
<b>Certegra™ Workstation (CWS)</b>	12.71" (32.28 cm)	15.58" (39.58 cm)	10.5" (26.67 cm)	17.6 lb (8.0 kg)



## Equipment Service by Bayer

Backed by Bayer reliability, support and service

- > Legendary product reliability
- > Exceptional after-sales support
- > Knowledgeable and reliable technical service
- > Ask about our Predictive Maintenance Programs and Extended Warranties



Clear Direction.  From Diagnosis to Care.

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