Enhance the Value of Your MEDRAD® Smart Injection Systems

Benefit from accurate CT and MR contrast injection documentation at the Point-of-Care and throughout the post-procedure workflow by connecting your MEDRAD® Smart injector to the Radimetrics™ Contrast Dose Management solution (CDM).

With tools to help you drive efficiency, reproducible quality and personalized care, you can:

- Achieve workflow efficiencies
- Reduce documentation errors and information gaps through automated documentation
- Accelerate report turn around time
- Use data to inform improvement initiatives
- Reduce billing rework
- Investigate and tie information to outcomes

Injection Data Flow*

* All contrast analytics require Radimetrics™ Enterprise Platform

Automated Point-of-Care Workflow

Radimetrics™ Contrast Dose Management allows technologists to:

- Accurately capture contrast information at the source and automatically populate workstation data fields with the Barcode Reader.
- Access contrast details at the Point-of-Care and throughout the imaging workflow
- Easily recall preferred CT and MR protocols
- Automate individually optimized CT contrast injection protocols with optional Certegra® P3T Software
- Automate accurate contrast injection documentation using MEDRAD injectors as the source

Contrast information captured:

- Brand
- Concentration
- Expiration Date*
- Vial Volume
- Lot Number*

Accurate Post-Study Documentation

The benefits of accurate documentation are also extended to radiologists, administrators and billing teams. Personalized care, reduced rework, and efficiency are enhanced through outbound messaging capabilities, including:

- Auto-populating contrast injection records captured directly into PACS, RIS and Speech Reporting (SR) eliminating manual, repetitive documentation and reducing administrative work.
- Auto-populating Point-of-Care records directly into SR systems so that radiologists no longer have to dictate contrast injection details into radiology reports, thus avoiding transcription errors.
- Allowing billing to access accurate contrast injection documentation to improve billing cycle time

*This information may only be captured with Bayer 20 contrast agents.
Secondary Capture PACS Outbound Interface

The PACS Outbound Interface enables a DICOM Secondary Capture to be generated and stored in a retrievable format. The patient’s exam record contains electronic capture of specific injection details.
SR – Speech Reporting Interface

The SR Interface auto populates patient-specific contrast details directly into Speech Recognition systems and the radiologist’s report. The outbound message is customizable.

Auto-populated SR report with injected volume, agent and route details.

Auto-populated SR report with loaded volume, injected volume, remaining volume, agent and route details.
Accesible Enterprise Contrast Injection Data

Access to aggregated contrast injection histories allows administrators and radiologists to evaluate outcomes and link them to technical factors, technologists and equipment. Identify, investigate and monitor according to your quality goals to evaluate and measure progress in training, technology and workflow improvements.

“In our practice, Radimetrics CDM technology has decreased radiologist dictation times and has essentially eliminated dictation errors regarding contrast dose.”

— Gregory Goodworth, M.D., D.A.B.R. Head of Radiology, South Jersey Radiology Associates

Radimetrics™ Contrast Dose Management directly impacts key areas of the complete radiology workflow for contrast-enhanced CT and MR studies.

Adherence to Point-of-Care Data Capture*

The chart displays the capture of Point-of-Care data between two scanners.
Red – Injections without data
Green – Injections with data
Left Screen – The Point-of-Care data is being captured consistently
Right Screen – Gauge, location, expiration date, tech ID are not being captured consistently

*Requires Radimetrics™ Enterprise Platform
Cross Modality Cumulative Score Card

Displays patient CT and MR contrast dose, and CT radiation dose.

Power Injection Summary

Red Tile – Patient's total contrast volume for this procedure (352 mL)
Blue Arrow – The patient had 2 injections. (One injection of 157 mL and the second injection of 195 mL)

User-Defined Time Based Contrast Dose Threshold Alert

Example – Contrast volumes above 150 mL will generate an email alert.

Patient information listed on the GUIs are fictitious examples only and do not contain any actual patient data.
Unparalleled Service and Support

Radimetrics™ Enterprise Platform is backed by a dedicated team of implementation and service specialists that provide end to end support.

Professional Installation and Implementation
Technical configuration, integration, and testing to deliver a seamless application launch

Education and Integration Consultation
Providing a core curriculum of training focused on setting dose reference levels, benchmarking, consumption of alerts, and pre-configured analytics

Ongoing Live and Virtual Technical Support
Bayer VirtualCARE™ Remote Support* and 24x7 Technical Assistance can help to minimize system downtime, while helping to maintain optimal performance

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All patient data that appear in this document are fictitious. No actual patient information is shown.

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