DoseWatch™ with Contrast Data Management

DoseWatch is a dose management solution that can help you track and reduce variation across your organization so you can provide an accurate diagnosis in a safe manner for your patients.

The Contrast Data Management module within DoseWatch provides an array of contrast media utilization analysis based on: patient, clinical indication, protocol, device, site, and more.

Technicians can automatically capture the specifics of the contrast injection for each patient to enable the evaluation of the actual volumes and flow rates of contrast that each patient receives. This can help assess and track variability, which could help enhance contrast administration optimization and standardization efforts.

What if you could manage contrast media data and radiation dose in a single Dose Management system to enhance usage and protocols across your clinical practice?

DoseWatch Contrast Data Management can help you:

- Track patient historical data (radiation, iodine dose, contrast media related adverse events) to increase personalization
- Enhance visibility of contrast media utilizations across CT suites, sites and teams
- Manage contrast media data to enhance usage and protocols across your practice

45% or 36.4 million CT procedures, use injectable contrast media.¹
Contrast-Enhanced CT Workflow Challenges

- Increased workflow complexity
  - Almost half of all CT scans require contrast media
- Potential compromised patient safety
  - Lack of recorded patient history on contrast media to track adverse events and risk-related factors
- Decreased diagnostic performance
  - Variation of protocols creates the need for consistency when patients receive restaging or follow-up exams (Oncology treatment planning)
- Reduced resources could impact quality and productivity
- Inconsistent workflows and protocol variations by facility and operator

One Integrated Solution

DoseWatch with Contrast Data Management provides a single database for radiation dose and contrast agent injection tracking and reporting to help drive optimization of the radiation dose and contrast media utilization. This module automatically documents and integrates CT contrast injection records across CT systems into DoseWatch and displays the injection details within the CT worklist for each performed exam with contrast.

DoseWatch with Contrast Data Management helps provide:

- Notifications on clinical context and cumulative dose of iodine (risk factors, prior adverse events)
- Automatic tracking for CT scanners integrated with class 4 injectors
- Injection details (contrast media, volume, injection protocol)
- Clinical context (risk factors, prior adverse events)
- Cumulative quantity of administered iodine in patient history

Contact your GE Healthcare representative or visit www.doseoptimization.gehealthcare.com for more information.

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1. 2014 IMV CT MARKET DATA
2. This feature collects contrast data automatically for class 4 integrated injectors for GE CT scanners only and is available for manual entry for other modalities connected to DoseWatch with the Contrast Data Management Module.

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