DoseMonitor®

VISIBILITY. CONNECTIVITY. FLEXIBILITY.

Manage radiation dose effectively, adapt to new technologies and meet evolving regulatory standards with the **DoseMonitor®** PACS-based automated dose data acquisition and analytics system.

DoseMonitor provides immediate enterprise-wide visibility into patient dose exposure for multiple modalities and PACS systems.

Capture, analyze, report and take action on the dose information needed to optimize patient dose/image quality today and in the future with DoseMonitor.

Identify Potential Excessive Radiation With Near-Time Alerts

DoseMonitor® is a unique software platform that identifies patients who may be at risk for ionizing radiation overexposure at the time an exam is ordered.
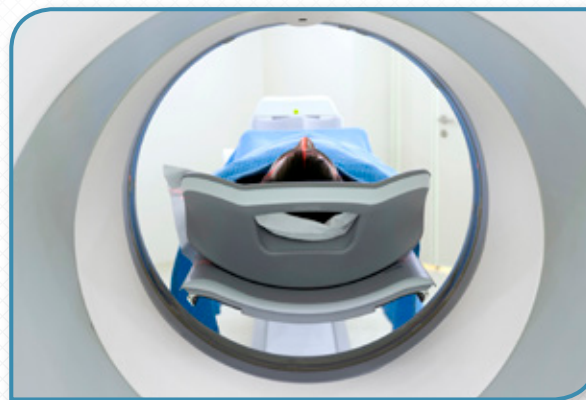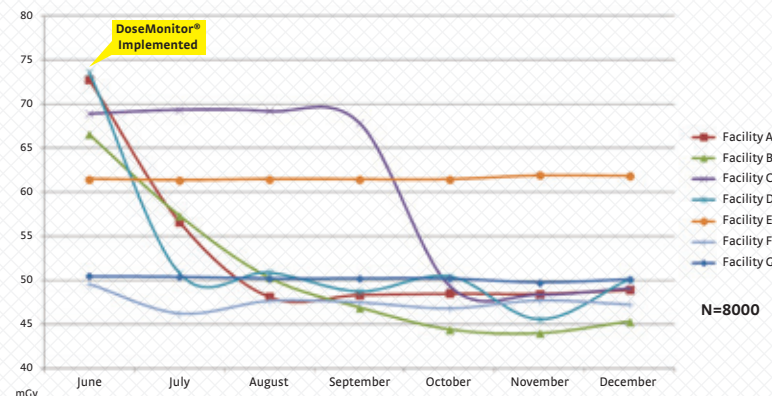
Features include:

- Patient historical dose repository.
- Robust reporting capabilities.
- Modality facility comparisons, both real time and historical.
- Pre-visit/real-time historical patient dose indices.
- Customizable alerts and notifications.
- DoseMonitor® is a certified software partner with the ACR for DIR data upload.
- Dose data is exportable to dictation, HIS/RIS/EMR systems via HL-7

DoseMonitor offers the following capabilities:

- Identifies devices and examination procedures that do not meet dose specifications.
- Compares, aggregates and interprets data from ionizing radiation sources on a patient, study or modality basis.
- Mathematical algorithms combine with technology dose values to calculate exposure.
- Reports patient jacket summary, study level statistics, modality level statistics, e-mail alerts to ensure timely notification.
- Compatible with all major DICOM compliant imaging devices and systems.

DoseMonitor®

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DoseMonitor® is certified by the ACR for DIR Data Upload

PHS Technologies Group, LLC is a wholly owned subsidiary of PACSHealth, LLC.

Single Health System Multi-Facility Comparison
CT Head WO Contrast Average CTDI$_{vol}$

DoseMonitor® Implemented

Facility A
Facility B
Facility C
Facility D
Facility E
Facility F
Facility G

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