



## Manage, analyze and balance your radiation dose management

Advanced software and services that help you provide **patient safety** and improve **efficiency and quality** in all your medical imaging environments.

Radiation dose is everybody's business in patient care. The rise in X-ray, CT, nuclear medicine and other exams has had a big effect on patient health and outcomes, but has also increased patient exposure to imaging-related radiation.

More and more we are aware and taking action to control this exposure, with new standards, new regulations, mandatory radiation tracking and the 'as low as reasonably achievable' (ALARA) principle for imaging dose.

An important tool in achieving these goals is dose monitoring. The dose monitoring platform gives you the tools you need to manage, analyze and balance your organization's radiation dose management.

Developed in collaboration with university hospital radiology specialists, it will help you to stay ahead of the dose control curve.

### WHY DOSE MONITORING?

#### Patient

Provide information regarding exposure to radiation

#### Head of department

Provide better quality with ALARA best practice and conform to guidelines

#### Regulatory Agency

Facilitate modality auditing and dose data collection to enhance dose level guidelines

#### Referring Physician

Access to all information in order to make an informed decision

#### Medical Physicist

Access to radiation dose details and reports for analysis and anomaly detection

#### Researcher

Ability to specify and control population and compute correlation statistics

# A flexible solution – that integrates with your PACS

The Web-based Dose Monitoring platform, integrates directly into your existing picture archiving and communication system's (PACS) environment. Collecting the dose and metadata information already there, it can create patient radiation dose analyses at the study, patient, device, modality or institution level. It also provides all the tools you need for Root Cause Analysis, to help you understand and solve potential problems.

## With the Agfa HealthCare Dose Management Solution you can

**Monitor** the relevant parameters:

- Pre-exam: proactive alerts and safety checklist;
- During the examination: instant feedback for the radiographers;
- Post-exam: analysis of dose on the patient, user, device and modality levels.

**Analyze** and trend your data with advanced tools:

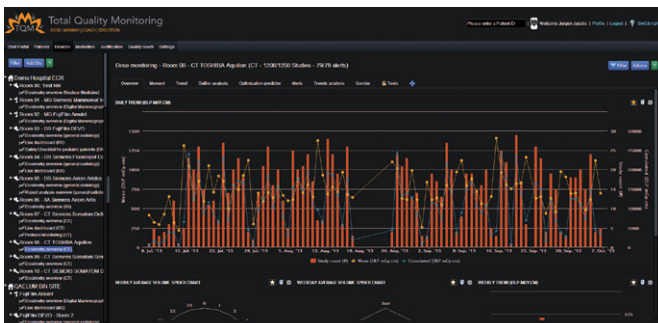
- For all the various levels;
- Detailed reports for outlying results.

**Enhance** your existing clinical workflow:

- Detailed workflow analysis for optimizing procedure protocols, positioning, etc.

**Protect** your patients by managing dose.

**Comply** with your legal and internal reporting obligations and processes, easily and cost-effectively.



## The Agfa HealthCare Dose Management Solution is

- **Vendor-neutral:** it connects with any modality
- **Web-based:** with results available from any computer
- **Scalable:** it can grow with your needs
- **Based on the highest standards:** it was developed by an ISO 13485 certified company and is a CE Marked Class IIb product

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