

THE FUTURE OF PATIENT DOSE MONITORING IS MEDSQUARE'S RDM

Medsquare is one of the first European companies to introduce the DACS* concept and develop a Patient Dose Management solution.

In a European context in which the demand for medical imaging examinations is constantly growing and safety and quality in radiological practice are more important than ever, our Radiation Dose Monitor software – RDM – helps healthcare organizations optimize radiation dose and clinical practices.

RADIATION DOSE MONITOR

The DACS for **Building a Low-Dose Culture**

RDM is a software solution for collecting, controlling and analyzing radiation doses delivered to patients during medical imaging examinations. RDM helps improve clinical practices and is an essential tool for reducing and optimizing dose.

4 steps to optimize patient dose exposure with RDM

- 1. Collect:** Collection and archiving of dose data.
- 2. Control:** Real-time monitoring of the patient's dose exposure. Alert systems triggered when the dose is exceeded.
- 3. Analyze:** Wide Statistical analysis of dose data.
- 4. Optimize:** Assessment and optimization of practices.

Testimonial

"Its user-friendly interface allows you to track, and enhance the reliability of, radiation dose exposure data in order to establish targeted corrective actions, as necessary. This software helps bridge the gap between all correspondents in patient radiation safety, in order to optimize dose."

Cécile Salvat, Medical Physicist from Lariboisière University Hospital (AP-HP), France.

What makes RDM unique?

A very efficient tool, RDM is designed for all medical professionals involved in the dose cycle: medical physicists, technologists, radiologists, heads of department, etc.

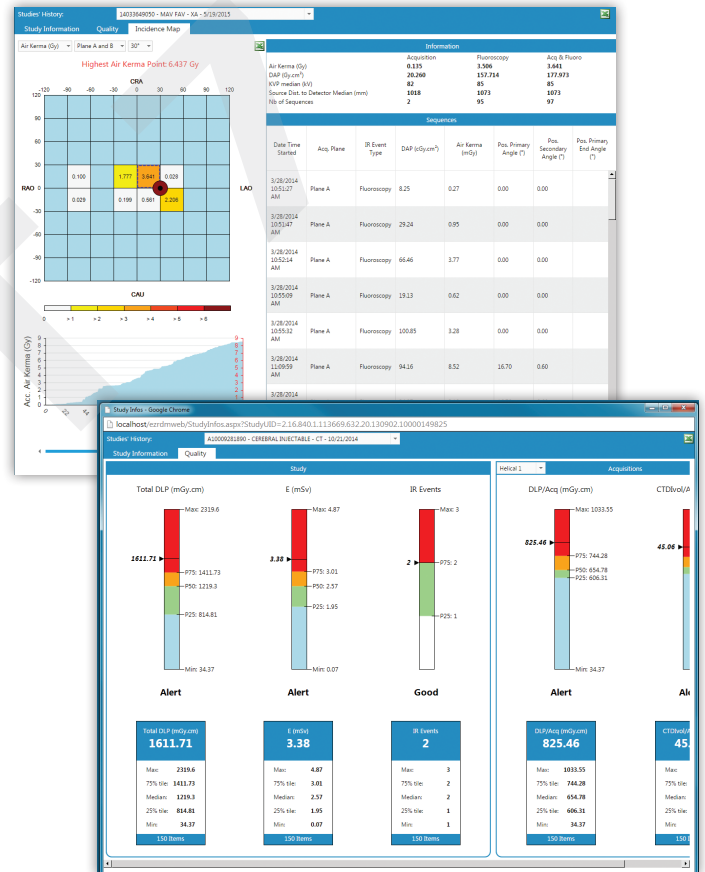
RDM is a vendor-neutral & multi-modality software solution. It's the only software able to integrate with very old equipment and collect dose information in a variety of methods: RDSR, Secondary Capture, MPPS, DICOM Headers, external dosimeter and manual input.

With regard to a hospital's infrastructure, RDM fits seamlessly into all imaging networks.

Testimonial

"The integration of RDM in our IT infrastructure was accomplished simply and according to strategic deadlines. Today, via a user-friendly interface, we have a simple way of monitoring and preventing possible over-exposures. The traceability of dose received by our patients has been simplified, and the dose reports inserted into the patient file provide an accurate record."

Gyslaine Bruneton (IT Hospital Engineer) & Alain Fuchs (Medical Physicist) from Nice University Hospital, France.



About Medsquare

Medsquare provides innovative solutions for the medical imaging environment. Thanks to RDM, Medsquare won all 3 public tenders of DACS from hospital purchasing groups in France – for a total of 160 university hospitals. This included AGEPS (Central Agency of AP-HP), a consortium of 39 university hospitals and the largest University Medical Center in Europe.

During the next 4 years, Medsquare's RDM will be deployed in most of the university hospitals in France: including those in Cochin, Hôpital Européen Georges Pompidou (HEGP), Lariboisière, Grenoble, Marseille, Nantes, Necker, Nice, Pitié-Salpêtrière, Reims, Tours and many others.

By carrying out these major projects, Medsquare's personnel are becoming experts in the field – and, thanks to the feedback from its highly skilled users, RDM keeps evolving.



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*Dose Archiving and Communication System