

## **Medsquare and Patient Dose Management at ECR 2020 Virtual Exhibition: Presenting the latest features of Radiation Dose Monitor (RDM)**

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Medsquare will present the latest innovations of its Patient Dose Management solution – [Radiation Dose Monitor \(RDM\)](#) – at the European Congress of Radiology (ECR) virtual exhibition from 15 - 19 July. This new version of RDM brings a certain number of improvements, notably related to the interface, functionalities and technicality of the product.

### **1. Dashboard analytics**

The Dashboard Analytics tool is our new web platform for the development of statistics dashboards. The platform is similar to BI (Business Intelligence) applied to the world of patient radiation safety (patient dose monitoring). The new Dashboard Analytics tool accompanies the RDM solution, which enables interactive, fast and customizable statistical analysis per facility:

- Patient dose data (visualization of possible radiation protection problems coming from a modality, drifts in procedures, etc.).
- Data related to the facility's service (number of patients, distribution of requests, waiting time between each patient, etc.).

### **2. Ergonomic enhancements and simplifications for the user**

Improvements were made at the interface level:

- Justification: possibility to select multiple comments to justify an overexposure
- Reassignment: ability to add or to reassign the physician for a study
- Exportation of anonymized studies directly from the interface facilitating the exchange of patient dose data between sites and institutions
- One-click access from RDM to the Dashboard Analytics tool

“An event you won’t want to miss, the ECR is a privileged moment with our distributors and partners,” declares Arnaud Legland, Channel Sales Manager Europe. “This is an annual opportunity for exchanging between specialists in the field of medical imaging. It is also an opportunity for all actors in the sector to address the major challenge of secure management and centralization of patient dose data on a larger scale. Thanks to the completeness of the dose data captured by the DACS Radiation Dose Monitor (RDM), our partners, and therefore the healthcare professionals, have put technology-powered medical progress at the service of patients (strengthening radiation protection thanks to better patient monitoring, improving the quality of care, data analysis in a few clicks, etc.),” he adds.

In parallel this year, ECR will present the ‘Children in Focus’ program, focusing on social issues in the health of children and young people. Children in Focus is being organized by the European Society of Radiology (ESR) in partnership with the European Society of Pediatric Radiology (ESPR). In addition, as reported in the scientific publication – [‘Patient radiation doses and reference levels in pediatric](#)

[interventional radiology](#)' – healthcare professionals have used the RDM solution to set diagnostic reference levels in three procedures in pediatric interventional radiology. Once again, a way to strengthen the protection of these children and young patients, who are more sensitive to ionizing radiation.

## **About Medsquare**

Medsquare, a French company founded in 2006, facilitates the work of healthcare professionals by providing them with complete solutions for the analysis and sharing of medical imaging data.

Peripheral DICOM solutions, known as Ultima's range of solutions (Archiving, Burning, Printing and Secure Image Sharing), and the Radiation Protection Solution (DACS), characterized as an automated, comprehensive, integrated and collaborative solution for collecting, monitoring and analyzing all doses of ionizing radiation delivered to patients, are distinguished by their unique ability to integrate with all of the systems and modalities already installed in the healthcare facility.

Inseparable from the technology, service (availability, customization, and flexibility) is part of Medsquare's DNA, because it is an integral part of the history of the company and of each employee's knowledge.

Medsquare is committed to leading medical device manufacturers to integrate software into their solutions and provide quality service.

Through the Medsquare distribution network, hundreds of healthcare facilities around the world can benefit from the analysis and sharing of data in medical imaging.

Learn more: [www.medsquare.com](http://www.medsquare.com)

## **Contact**

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