



DACS

Directive 2013/59/Euratom: How can we meet these requirements?

Radiation Dose Monitor (RDM) The compliance solution

The Directive 2013/59/EURATOM, which has to be transposed into the national legislation of the EU Member States by 6 February 2018, impacts the Public Health Code in terms of Radiation Safety. The new Directive requires the establishment, starting 6 February 2018, of a quality management system to improve dose tracking and the justification of medical radiation exposure.



Medsquare, 17 rue du Jura, 75013 Paris, FRANCE
W medsquare.com **E** contact@medsquare.com **T** + 33 (0)1 55 25 62 50

Radiation Dose Monitor (RDM)'s contribution in the context of the European Directive:



Article 55 - Principle of justification strengthened

with RDM >

- Dedicated screen for tracking alerts and justifications
- Fast and easy justification
- Instant access to the patient's dose history for decision-making thanks to the portfolio feature (ability to attach any file or image to the patient records)



Article 56 - Principle of optimization

with RDM >

- Real-time monitoring of examinations and patients with advanced alert systems based on (national and local) Diagnostic Reference Levels
- Evaluation and optimization of practices (ex. Dosimetry evolution)
- Powerful alert system (patient and study alerts)



Article 58 - Quality Management System

with RDM >

- Better involvement in radiation safety of all who are responsible for the dose cycle
- Easy, ergonomic and intuitive interface with a clear definition of each person's role (medical physicist, technologist, specialist and radiologist)



Article 62 - Special protection during pregnancy and breastfeeding

with RDM >

- Calculation of the organ dose including estimation of the dose received by the fetus
- Ability to write in RDM that the patient is pregnant, likely to be pregnant, or not pregnant
- Specific alert rules for pregnant women: end of the alert with the end of the term



Article 14 - Initial and continuous training enhanced

with RDM >

- Radiation Protection Education and Training for Healthcare Professionals
- Training administrated according to the user profile