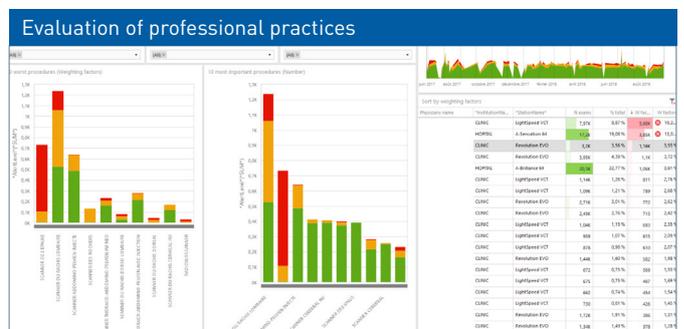
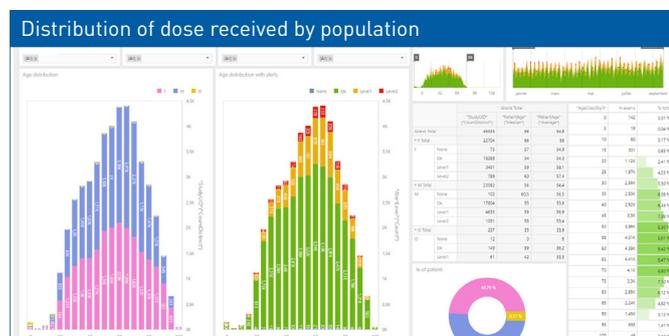


### RADIATION DOSE MONITOR (RDM)

#### a. Dashboard analytics:

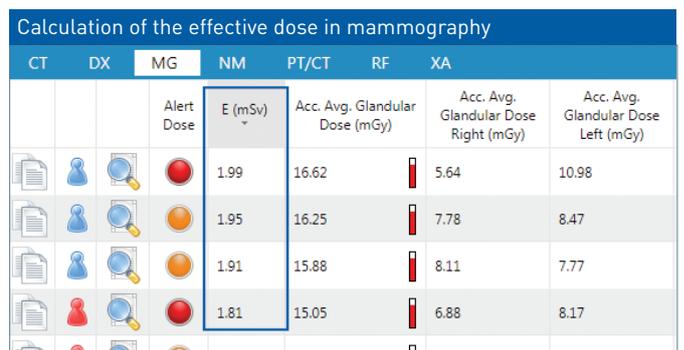
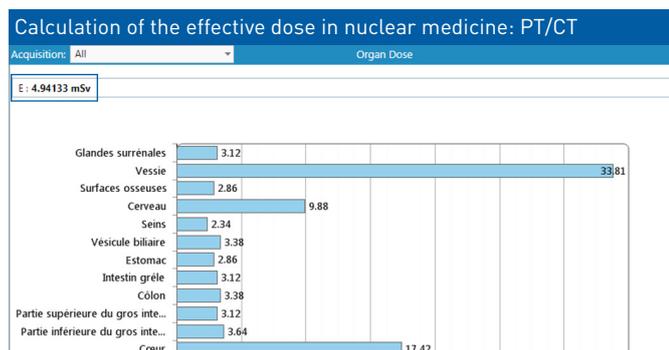
New RDM tool for interactive, fast and customizable statistical analysis:

- 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.).



#### b. Calculation of the effective dose for all modalities :

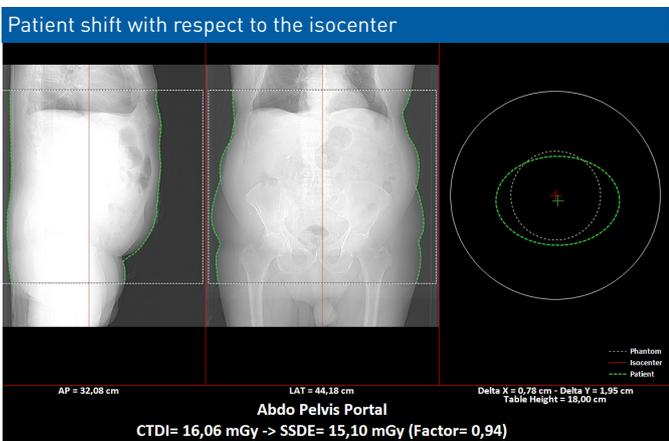
- Calculation of the effective dose in conventional and interventional radiology, mammography, scanner, and nuclear medicine, as well as for hybrid modalities (PET-CT, SPECT-CT).
- Calculations that respect the recommendations established to protect patients from radiation (including the recommendations of the ICRP).





**c. Patient at isocenter in scanner:**

New feature that assesses the patient's centering during the examination, reinforcing good professional practices (a patient shift with respect to the isocenter may influence the dose).

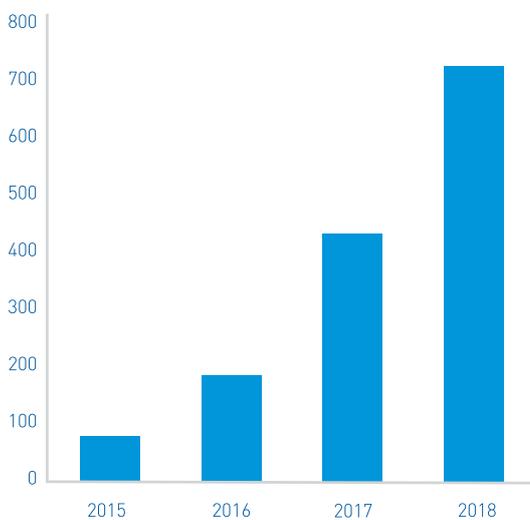


**NEW TECHNICAL FEATURES**

- **Single sign-on authentication (SSO):** A method that allows a user to access multiple computer applications by performing only 1 authentication.
- **RDM Connection to the Enterprise Master Patient Index (EMPI):** a solution to bring patient identities closer together for a complete dose synthesis per patient.
- **Improvement of the dose data collection module through PACS:** Now, in addition to collecting dose reports in RDSR format and secondary capture, data can also be collected from the DICOM header in a more fluid and efficient way.

**SOME KEY NUMBERS SINCE 2015**

**Number of modalities connected to RDM since 2015**



**Number of studies collected since 2015**

