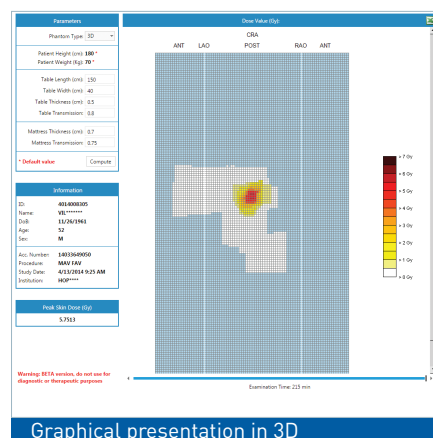
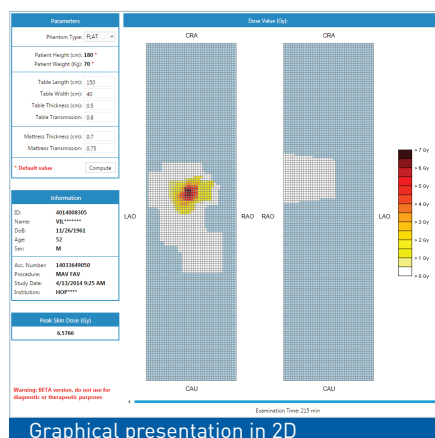


## The new features of the DACS

## RADIATION DOSE MONITOR (RDM)

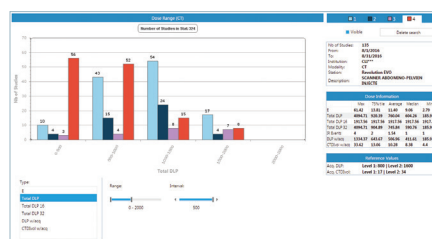
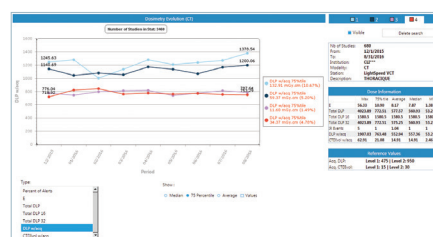
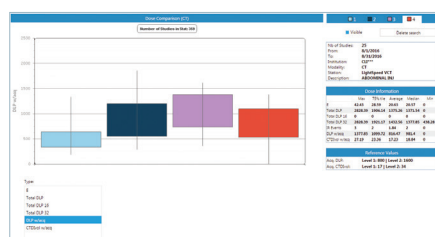
### PEAK SKIN DOSE

- Graphical presentation in 2D or 3D of the skin dose and calculation of the Peak Skin Dose (PSD) from an RDSR modality
- Indication of the dose at a particular point on a dose distribution graphical presentation
- Visualization of the skin dose evolution during the whole procedure with the aid of a time scale



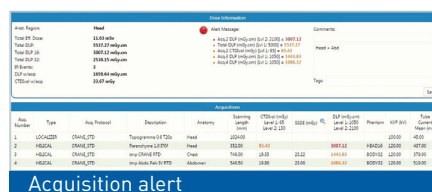
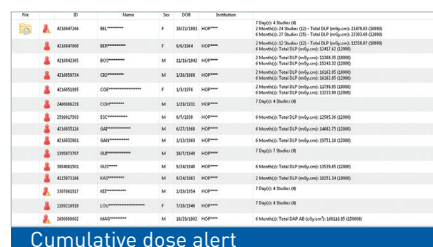
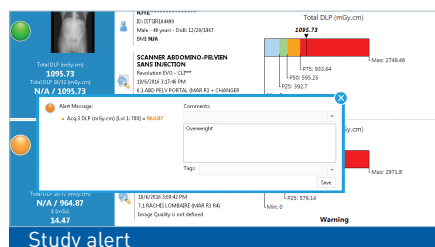
### COMPARISON MODULE

- New advanced statistical tool enabling cross-dose data comparison on identical period, or different periods, between:
  - Modalities, healthcare institutions
  - Protocols, procedures, group of procedures, anatomical regions
  - Group populations, healthcare professionals, etc.
- Comparison possible simultaneously for up to 4 data sets



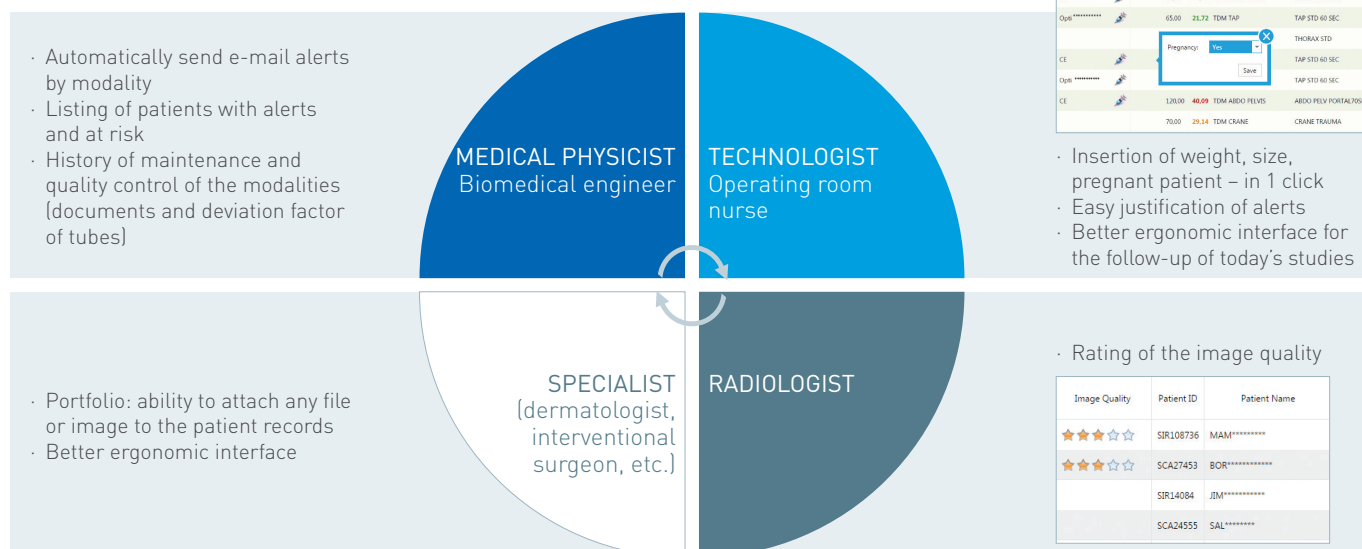
### POWERFUL ALERT SYSTEM

- Advanced alert system, including previous modalities
- Patient alert system based on:
  - Dose data (cumulative DLP, DAP, Air Kerma, glandular dose, MBq activity, etc.)
  - Studies by modalities
- Specific alerts on studies according to the patient type (age, weight, sex, etc.) based on:
  - Procedures
  - Study protocols
  - Acquisition protocols (in scanner, specific anatomical region in conventional, etc.)



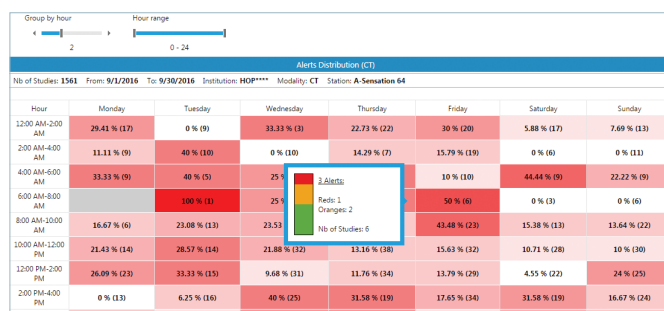
## BETTER INVOLVEMENT IN RADIATION SAFETY OF ALL WHO ARE RESPONSIBLE FOR THE DOSE CYCLE

Easy, ergonomic and intuitive interface – with a clear definition of each person's role



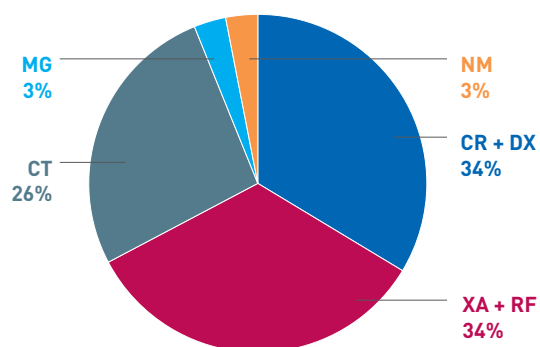
## ALERTS DISTRIBUTION

- Alerts spread over the days of the week
- Visualizations of the shifts and time slots that use the most radiation (ex: day/night shift)
- Display of all dose alerts during a specific period: week(s), month(s) or year(s)



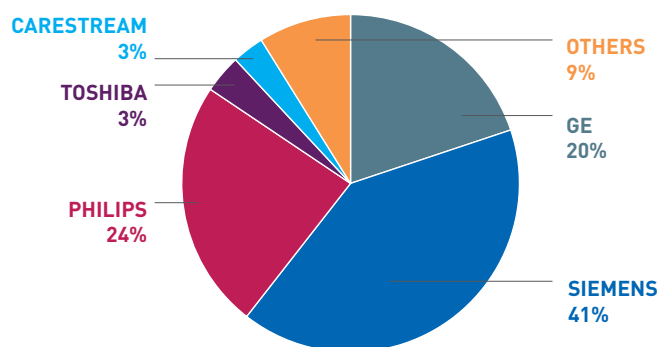
## SOME STATISTICS ON OUR DEPLOYMENT

Percentage of modalities connected



- Digital and Conventional Radiology
- Interventional Radiology & Radio-fluoroscopy modalities
- Computed Tomography
- Mammography
- Nuclear Medicine (PET/SPECT)

Percentage of manufacturers connected



- Siemens
- Philips
- GE
- Carestream
- Toshiba
- Others: Canon, EOS, Fuji, Hitachi, Hologic, Primax, Samsung, Stephanix, Ziehm

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