CARE
Combined Applications to Reduce Exposure

Dose saving

Dose monitoring

Dose reporting

Dose monitoring and reporting features

Our philosophy to deliver better care at the lowest reasonable dose.

CAREwatch
Geometry and dose indicators according to IEC 60601-2-54

CAREguard

Three thresholds for accumulated air kerma at the PERP (Patient Entrance Ref. Point) can be defined.

When a threshold is exceeded:
- A indicator on the live display flashes
- A warning pop-up is displayed on the tabletop touch screen controller (TSC)

CAREguard provides effective patient entrance dose control
**CAREmonitor**

- Real-time visualization of accumulated peak air kerma\(^1\) according to current projection
- Automatic update of accumulated air kerma calculation upon every system change
- Warning message is displayed if the configured threshold has been reached in the current projection

**CAREreport**

CAREreport provides detailed information on the dose applied in a case in a DICOM structured overview:
- Review and optimize your dose
- Be prepared for dose reporting requests
- Easily obtain base data for more detailed analysis → e.g. teamplay, CAREanalytics

**Example of an examination report**

**CARE Analytics**

- Enhanced in-house dose reporting and assessment
- Enhanced transparency regarding dose per case
- Improved reporting on patient dose history
- Improved cross-institutional reporting

**CARE Analytics** provides cross-institutional dose reporting

**teamplay\(^1\)** is a departmental performance management solution for radiology and cardiology to advance digitalization in healthcare and human health

---

\(^1\) The products/features/service offerings are not commercially available in all countries. If the services are not marketed in countries due to regulatory or other reasons, the service offering cannot be guaranteed. Please contact your local Siemens organization for further details.
teamplay Applications

Summary

Dose monitoring and management

Siemens Healthineers provides:
- CARE features
- Dose indicators
- Warning at dose thresholds
- Local peak patient entrance dose
- Detailed dose report, DICOM dose structured report
- Processing tool for DICOM dose structured report
- teamplay
  - teamplay Dose module for easy and detailed analysis

teamplay Dose and AT – the perfect match to optimally adhere new guidelines

M. Lendl, Ph.D.
Image Quality
SHS AT IR IQ
Siemensstrasse 1
91301 Forchheim
P +49 (9191) 18 - 68 09
F +49 (9191) 18 - 98 77
M +49 (152) 54 79 50 45
E markus.lendl@siemens-healthineers.com