

Radiation Dose Monitoring

Now integrated with NovaPACS



Now you can track and receive alerts on cumulative radiation dose before excessive exposure occurs – protecting your patients and your organization.

NovaPACS is the first PACS provider to integrate dose monitoring which runs on existing infrastructure and is modality vendor neutral.

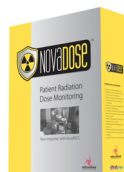
NovaDose calculates a patient's ionizing dose history and provides alerts based on a customer-defined dose threshold when a test is ordered. Upon installation with NovaPACS, NovaDose searches the existing PACS database and creates a dose profile for each patient. Cumulative alerts are triggered upon exam order and broadcast via email or HL7 to RIS, HIS, etc.

Today, the physicists' exam dose monitoring is manual, but not with NovaDose. Once installed, the DoseMonitor engine automates the data collection and evaluation to meet your mandatory reporting and regulatory requirements. DoseMonitor is ACR DIR-certified for data upload.

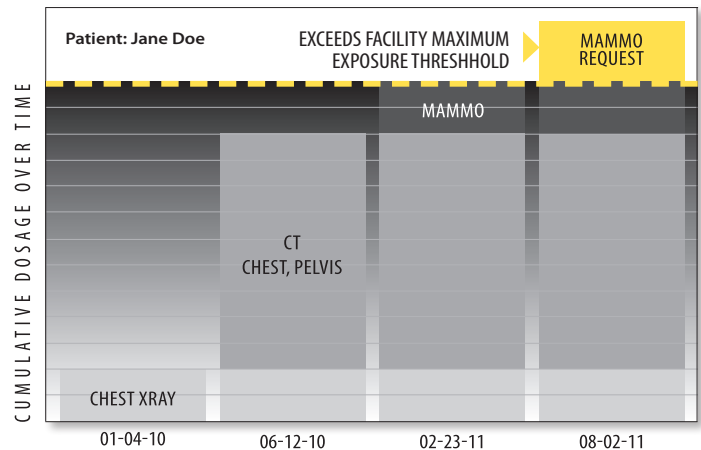
NovaDose is available today. Please contact your Novarad salesperson for further details.

NOVAPACS WITH DOSE MONITORING . . .

- Identifies devices and examination procedures that do not meet dose specifications
- Compares, aggregates and interprets data from ionizing radiation sources on a patient, study or modality basis
- Is compatible with any vendors' imaging technology
- Creates a patient dose repository and cumulative patient dose profile
- Provides customizable alerts on a pre-exam basis
- Provides a reporting engine that dashboards dose trends between scanners, procedures and patients



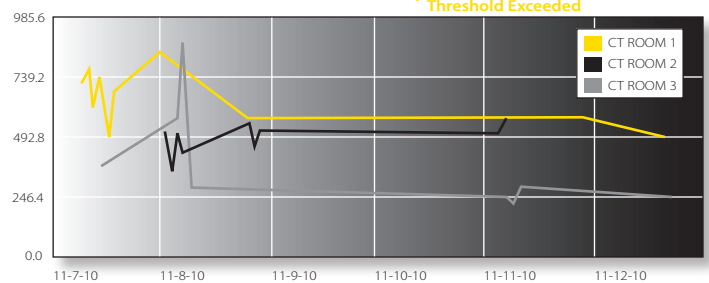
Cumulative Dose Example



Procedure Dose By Device

Device	Studies	Min. DLP	Max. DLP	Average DLP	Medium DLP
CT Room 1	10	500	859	658	651
CT Room 2	10	352	576	500	523
CT Room 3	9	227	896	378	286
All Devices	29	227	896	516	527

Threshold Exceeded



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