

HSS DoseMonitor:

Integrated Radiation Dose Monitoring

HSS ensures that its leading Radiology Information System – CRIS – remains the most functionally rich system available by continually investing in research and development. As the market's leading RIS provider, HSS works closely with many PACS suppliers and niche solution providers. While HSS is expert in the development and provision of RIS systems, it recognises the expertise of fellow market leaders and the value that can be derived from supplying a seamlessly integrated, best-of-breed solution. This allows HSS to focus on what it does best, while its users benefit from a single sourced, multi-faceted and highly functionally rich solution, developed in partnership and collaboration with a long list of industry partners.



HSS DoseMonitor – powered by PACSHealth

DoseMonitor is a fully integrated software application that automates dose data collection and reporting and identifies patients who may be at risk for ionizing radiation overexposure at the time an exam is ordered.

As an integrated application of CRIS, DoseMonitor helps to eliminate time-consuming manual steps and reduces input errors. It also provides near-time visibility, alerting operators to potential excessive radiation dose before additional exposure occurs.

Using DoseMonitor's proprietary intelligence engine, hospitals can now compare, aggregate and interpret data from ionizing radiation sources on a patient, study or modality basis to accurately depict historical dose indices. User controlled multi-level alerts assure timely notification of warnings.

**IDENTIFY Potential
Excessive Radiation Exposure
BEFORE it Occurs**

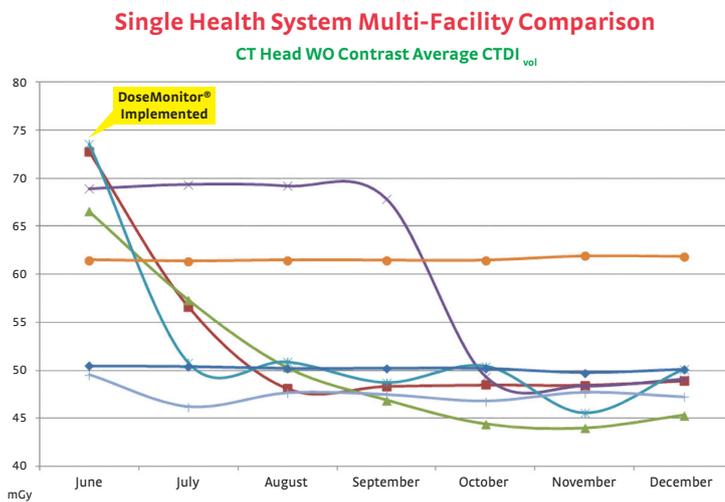


Features include:

- Patient historical dose repository
- Robust reporting capabilities
- Modality facility comparisons, both real time and historical
- Pre-visit/real-time historical patient dose indices
- Customisable alerts and notifications

The ability to effectively monitor radiation dose during certain medical imaging procedures has become increasingly important. By helping clinicians monitor a patient's ionizing dose history, healthcare professionals can optimise patient care while helping hospitals comply with the increasing regulatory requirements, as well as saving costs and increasing efficiency.

Actual customer result: Significant reduction in average dose



Analysis of 8000+ studies in 6 months clearly shows changes in average dose for some facilities but not others.



N=8000

HSS CRIS and the associated software modules are available directly from HSS or via the NHS Supply Chain Framework. For more information or to discuss your requirements please email: sales@hssnet.com or telephone: **01623 489825**.



NHS Supply Chain

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HSS is part of the
Wellbeing Software Group

