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Veterans Integrated Service Network 19 implements system-wide radiation dose monitoring, with Agfa HealthCare and PACSHealth

New upgrade to DoseMonitor® includes Global Dose Registry™ that can be integrated with Enterprise Imaging

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- DoseMonitor® is an automated, enterprise-wide, vendor-neutral application for patient radiation dose data collection, aggregation and reporting.
- Global Dose Registry™ allows users of DoseMonitor to compare the radiation dose of a patient's exam to a global database.
- DoseMonitor and Global Dose Registry integrate seamlessly with Agfa HealthCare's unified Enterprise Imaging platform

Agfa HealthCare announces today that it has collaborated in delivering a system-wide DoseMonitor automated software implementation, integrated with their IMPAX platform, to the Veterans Integrated Service Networks 19 (VISN 19). Contracts for DoseMonitor have already been awarded by VISN 21 and VISN 23.

Automated dose tracking and greater visibility
VISN 19 spans a geographic area of 540,000 square miles across the states of Utah, Montana, Wyoming, Colorado, Oklahoma and portions of Idaho, Kansas, Nebraska, Nevada and North Dakota. It is estimated that over 1,000,000 veterans reside within the network's geographic boundaries. VISN 19 operates 8 Health Care Systems (HCS), 2 hospitals and 123 additional sites of care.

In September 2018, the U.S. Department of Veterans Affairs issued an award effective September 28, 2018 to Agfa HealthCare Corporation to implement PACSHealth's dose monitoring system to multiple facilities in VISN 19. The system will help enable the network health system and member facilities to

monitor patient radiation dose on a per-procedure and cumulative basis. The software provides fast enterprise-wide visibility into patient dose exposure for multiple modalities and reporting systems. Dashboards, alerts and notifications can be customized to individual facilities' preferences.

Compare and correct

The dose tracking system includes the new Global Dose Registry feature, which allows users of DoseMonitor to access a global database with millions of anonymized studies from around the world. Parameters compared include: CDTIvol Mean (mGy), DLP (mGy.cm), Effective Dose (mSv), Stationary CTDIvol(mGy), and, where applicable, Delivered Total Contrast Volume (ml).

VISN 19 and its individual facilities can easily compare local dose metrics (enterprise, facility, device, manufacturer, operator, patient, procedure, etc.) against the global registry in real time, replacing the time- and resource-consuming process of separate data collection and manual reporting.

"Agfa HealthCare is committed to helping healthcare enterprises find ways to control and reduce patient dose, and the Global Dose Registry,integrated with DoseMonitor, enables them to compare dose metrics in realtime against the global registry. This represents a significant improvement over existing data aggregation sources which require separate data collection and manual reporting." comments Jarius Jackson, Enterprise Dose Management Product Manager of Agfa HealthCare. "It can thus play an important role in helping the care providers to provide optimized patient care."

"Having DoseMonitor with the Global Dose Registry will allow the Veterans Service network to make significant operational efficiencies, with both an enterprise-wide and a site-by-site visibility on patient dose," says Mike Battin COO of PacsHealth LLC. "The system design will allow for integration with their internal reporting systems and provide visibility through real time dashboards and alert notifications."

For an image, courtesy of Agfa HealthCare, click here

About Agfa HealthCare

Agfa HealthCare, present in one hospital out of two, is a leading provider of eHealth & Digital Imaging solutions. Care organizations in over 100 countries rely on Agfa HealthCare to optimize their efficiency and improve patient care.

About PACSHealth, LLC

PACSHealth, LLC is a Scottsdale, Arizona-based radiology informatics software development company. PACSHealth, LLC includes the PHS Technologies Group, LLC division which develops advanced solutions that help hospitals manage patient radiation exposure and comply with regulatory requirements and industry guidelines. PACSHealth's radiology informatics solutions are installed at over 1200 hospitals worldwide.

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