



## **RADIATION DOSE MONITORING SOLUTIONS**

National attention, legislative action, and litigation have focused attention on the medical use of ionizing radiation. Healthcare Providers are rapidly formulating plans to collect, manage and utilize concise clinical data about patients' radiation exposure. In order for your organization to reduce the risk of excessive and cumulative exposure, your radiation safety solution must consider:

- Patient Safety
- Staff Education
- Effective Practice Management
- Medical Imaging Alternatives to CT
- Active and Historical Dose Monitoring
- Dose Technology Vendors
- Dosing Protocols that include:
  - Measurement
  - Management
  - Recording
  - Analysis

## **DESIGNING, DEVELOPING, AND DEPLOYING DOSE SOLUTIONS**

Ascendian is a national leader in Medical Imaging consulting. Our clinical experience spans decades of services to the most respected healthcare organizations in the industry. We provide a deep understanding of Imaging and the many vendors that comprise the Health IT industry.

We work hand-in-hand with our clients to deliver the right dose monitoring solution

based on their unique environments, technological investments and evolving business requirements. Ascendian's dedicated consultants are prepared with a methodology that drives processes and standards throughout your medical imaging practice and ensures the timely and successful role out of your radiation safety strategy. We are committed to practical solutions that provide the right diagnostic imaging with the lowest dose of radiation necessary to make an accurate diagnosis.

## **CAPTURING AND REPORTING DOSE DATA**

Dose monitoring solutions must deliver accurate data that results in real-time and actionable decision support for patient safety. Ascendian's comprehensive services result in solutions that provide your practice:

- Radiation safety policies including staff education and workflow analysis
- Vendor evaluation and selection
- Reports that utilize PACS database for full patient jacket codified dose data
- On demand comparative dose reporting for single patient and groups of patients
- Compare and contrast multiple vendors' equipment for dose output
- Provide automated output data to the ACR registry
- Cross reference capabilities for scan protocols between scanners for dose output



## DOSE MONITORING EVALUATION

- Identify and develop dose strategic vision and road map
- Technology evaluation and contract negotiation
- Identify and organize steering committee and stakeholders
- Project planning and kick off

## DOSE MONITORING PLANNING

- Equipment reconciliation
- Imaging current state workflow and gap analysis
- Current state technical analysis
- Server specs
- Extract exam procedure table
- Perform PACS data scrub
- Communication plan

## DOSE SOLUTION IMPLEMENTATION

- Installation and configuration
- Training plan
- Technical go live
- Identification of support personnel
- End User training
- System support requirements
- Validation of functionality, reporting, workflows



*How will your Radiation Safety strategy ensure patient safety, compliance and organizational efficiency?*

## POST IMPLEMENTATION SUPPORT

- System documentation
- Post End User workflows
- Distribute and file operating procedures
- Maintenance and support
- Project documentation