

**Save Time and Resources to**

# Achieve Joint Commission Fluoroscopy Standards

To avoid risk and protect your patients and physicians, Imalogix can help you meet the new 2019 fluoroscopy standards from The Joint Commission (TJC) with ease. The Imalogix platform provides a comprehensive infrastructure that enables you to better understand and manage process, quality and safety related to diagnostic imaging services, interventional procedures—and meet evolving regulatory standards with ease.

**Calculate Peak Skin Dose Instantly with the Imalogix Platform**



**Improve Patient Safety**



**Optimize Workflow**



**Avoid Risk**



**Meet Compliance**



**Within minutes of getting up and running with Imalogix, I was able to determine the peak skin dose for an extremely complex procedure. This would have taken days to calculate previously, but now it is automatic. This feature alone has equated to a significant time and resource saving. With the capabilities that Imalogix provides, we are focusing on optimizing radiation practices to continuously improve the quality and safety of care for our patients.**

Thomas Griglock PhD, DABR Chief Diagnostic Imaging Physicist, Oregon Health & Science University

# Achieve New Fluoroscopy Standards Today

The Imalogix platform readies your organization to meet compliance standards—and beyond.

| Element of Performance                            | Basic Requirements  | Imalogix Platform Support  |
|---|---|--|
| Leadership.04.01.05                               | Designate a Radiation Safety Officer.   | <ul style="list-style-type: none"><li>• Offers the only solution on the market with optional built-in support from an expert medical physicist to support your designated Radiation Safety Officer to meet the necessary requirements for compliance.</li></ul>  |
| Provision of Care, Treatment, & Services.01.02.15 | Fluoroscopy exposure and/or dose metrics are in a retrievable format.   | <ul style="list-style-type: none"><li>• Includes a full suite of dose metrics and calculations for every exam such as:<ul style="list-style-type: none"><li>– Cumulative-air kerma or kerma-area</li><li>– Fluoroscopy time</li><li>– Dose Area Product (DAP)</li><li>– Peak Skin Dose (PSD)</li></ul></li></ul>   |
| Provision of Care, Treatment, & Services.02.01.01 | Establish criteria for patient follow-up for fluoroscopy procedures exceeding defined exposure/dose thresholds. | <ul style="list-style-type: none"><li>• Optional built-in support from an expert medical physicist consult with you to establish dose ranges and alert levels, and support to monitor and respond to any alerts.</li><li>• Customize alerts based on defined thresholds.</li><li>• Automatic alerts are sent to designated staff for procedures that emit over 5 Gray (Gy).</li><li>• Track patient cumulative dose over a 6-12 month period to help prevent a sentinel event (15 Gy). Automatic alerts are sent to designated staff if cumulative dose meets or exceeds 15 Gy during this period.</li></ul> |
| Performance Improvement.02.01.01                  | Review and analyze instances when fluoroscopy procedures have exceeded the defined exposure/dose thresholds.    | <ul style="list-style-type: none"><li>• Action-driven workflow optimizes your staff's time to manage the process of dose alerts and compliance from their desktop or mobile phone.</li><li>• Insights into PSD for every procedure allow you to continuously optimize dose thresholds with ease.</li><li>• Evolve the standard of care with deep learning tools that highlight where and how proactive changes can be made to drive continuous improvement.</li></ul>  |

**At Imalogix, we redefine insights and how they are visualized to enable systematic improvement of workflow, quality and safety. Powered by our cloud-based, human and machine intelligence-driven ecosystem, Intelligent Dashboards bring the collective best practices of our network direct to your fingertips with deep learning insights. Decision-making moves to proactive and predictive to lower risk, drive growth and evolve the standard of care. All so you can deliver consistent high-quality, safe and effective care for every patient.**