



TORONTO
JDAMI

University of Toronto
Sinai Health System
University Health Network
Women's College Hospital

JDAMI's Image Quality Peer Learning Program:

*Enabling Collaborative Learning and Delivery of the Highest Quality
of Imaging and Care for our Patients*

Declaration of Conflict of Interest

- No conflicts for interest; No other relationships with commercial interests exist

What is Peer Review?

- *“Generic term for a process of self-regulation by a profession or a process of evaluation involving qualified individuals within the relevant field. Peer review methods are employed to maintain standards, improve performance and provide credibility. A peer review process in diagnostic imaging is typically used in the context of a radiology service’s overall quality assurance program.”*

—**Canadian Association of Radiologists**

The CAR Guide to Peer Review Systems
(O’Keeffe, Piche, Mason; 2011)

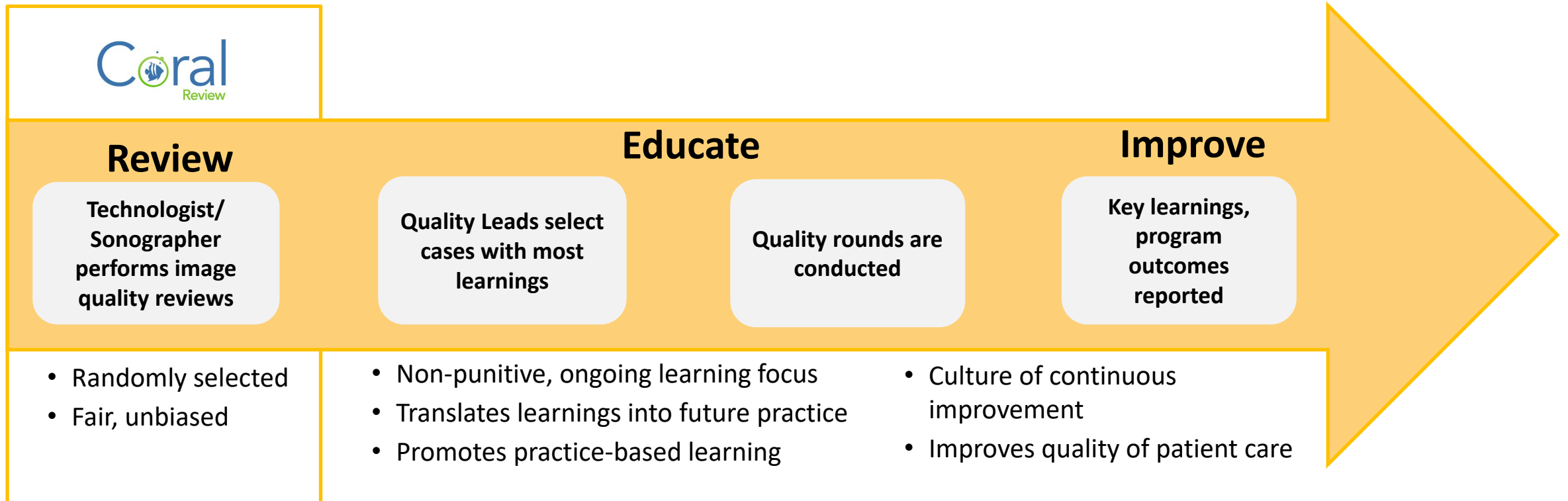
Key Principles of an Image Quality Peer Learning Program

- Promotion of **knowledge sharing** & fostering a culture of **learning and continuous improvement** for technologists/sonographers
- Support of ongoing education, training and development of technical skills leading to **improved patient care**
- Identification of opportunities for **image quality improvements**
- Program is **non-punitive**
- Allows for **easy** participation
- **Minimal** impact to workflow
- Adhering to QCIPA and FIPPA legislations

JDMI Image Quality Peer Learning Program

Overview

- Image Quality Peer Learning involves assigning randomly selected images to individual technologists and sonographers who retrospectively review image quality using modality-specific criteria
- A well-designed Peer Learning program is focused on promoting knowledge sharing and a culture of learning and continuous improvement



JDMI Image Quality Peer Learning Program

Key Enablers of Implementation



Over the 6-month implementation period, utilized **multi-disciplinary working groups** (including IT, project management, and front-line technologist stakeholders) to **collaboratively develop** peer learning processes, policies and tools



Leadership provided by Steering Committee, **leveraging existing leadership forums** to review and approve key working group outcomes



Initiated **comprehensive program communications** and **go-live planning** at least 2-months prior to program implementation



Staggered go-live approach to collect and leverage lessons learned to streamline support

JDMI Image Quality Peer Learning Program

Key Roles and Responsibilities

Technologists/ Sonographers

- Complete assigned peer review cases
- Actively participate in Quality Rounds



~400 Technologists/
Sonographers across JDMI

Quality Leads

- Serve as a champion for the peer learning process, for a group of technologists participating in the program
- Provide leadership to the Peer Learning Program:
 - Select cases for learning
 - Execute Quality Rounds
 - Facilitate follow-up for cases as required
- Deliver annual report to JDMI Quality of Care Committee

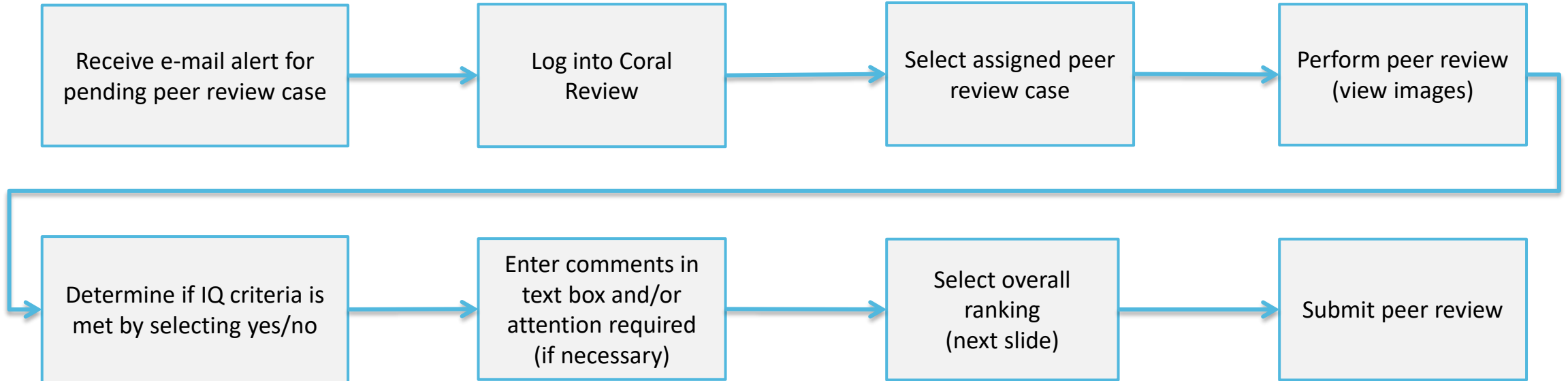


24 Quality Leads

Medical Imaging Leadership Team

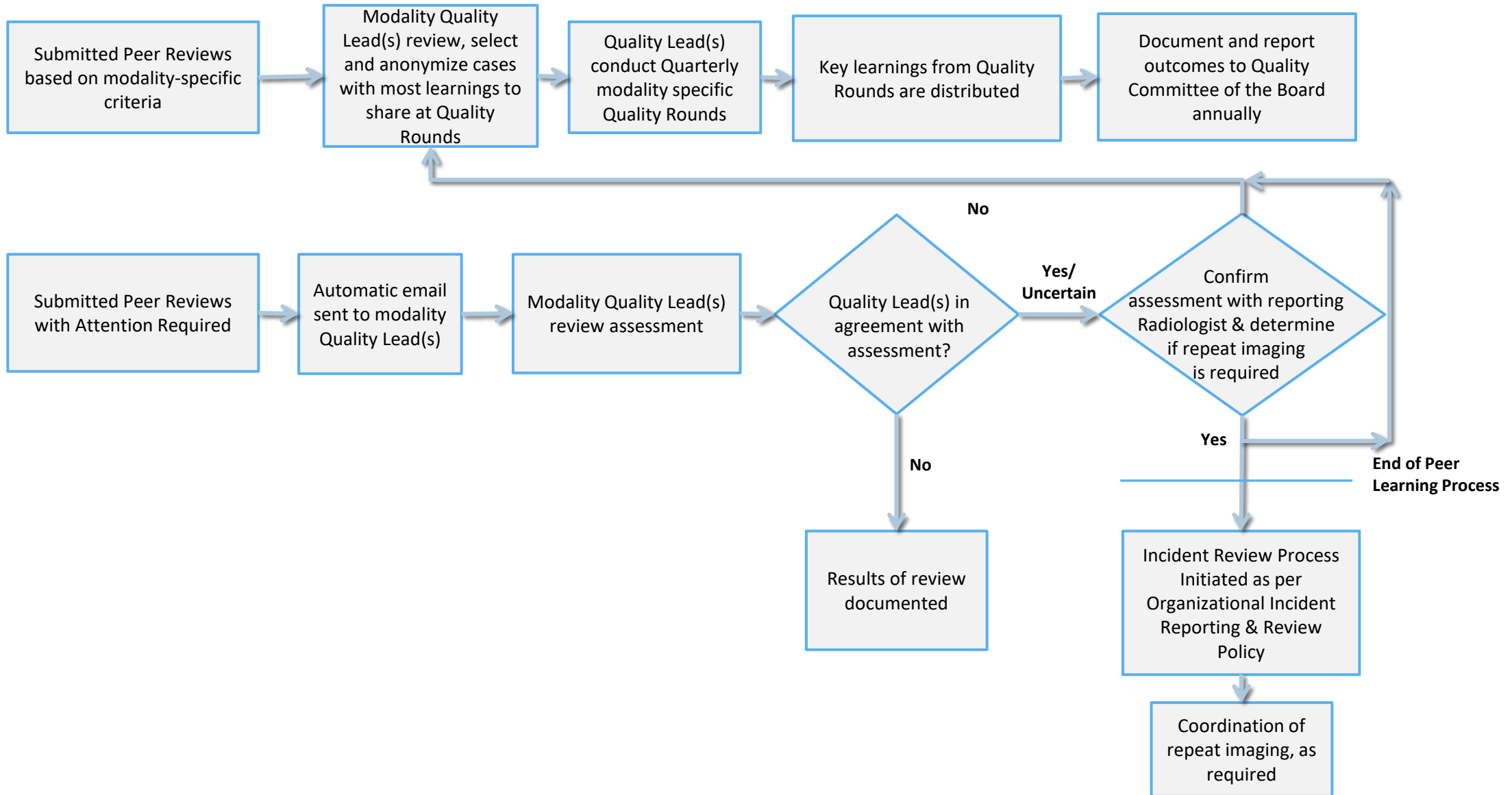
- Ensure program sustainability by providing leadership and monitoring progress of peer learning program
 - Support Quality Leads in the execution of their responsibilities
 - Ensure availability of protected time for Quality Rounds
 - Monitor progress via review of program analytics

Peer Learning Process – Technologist/Sonographers

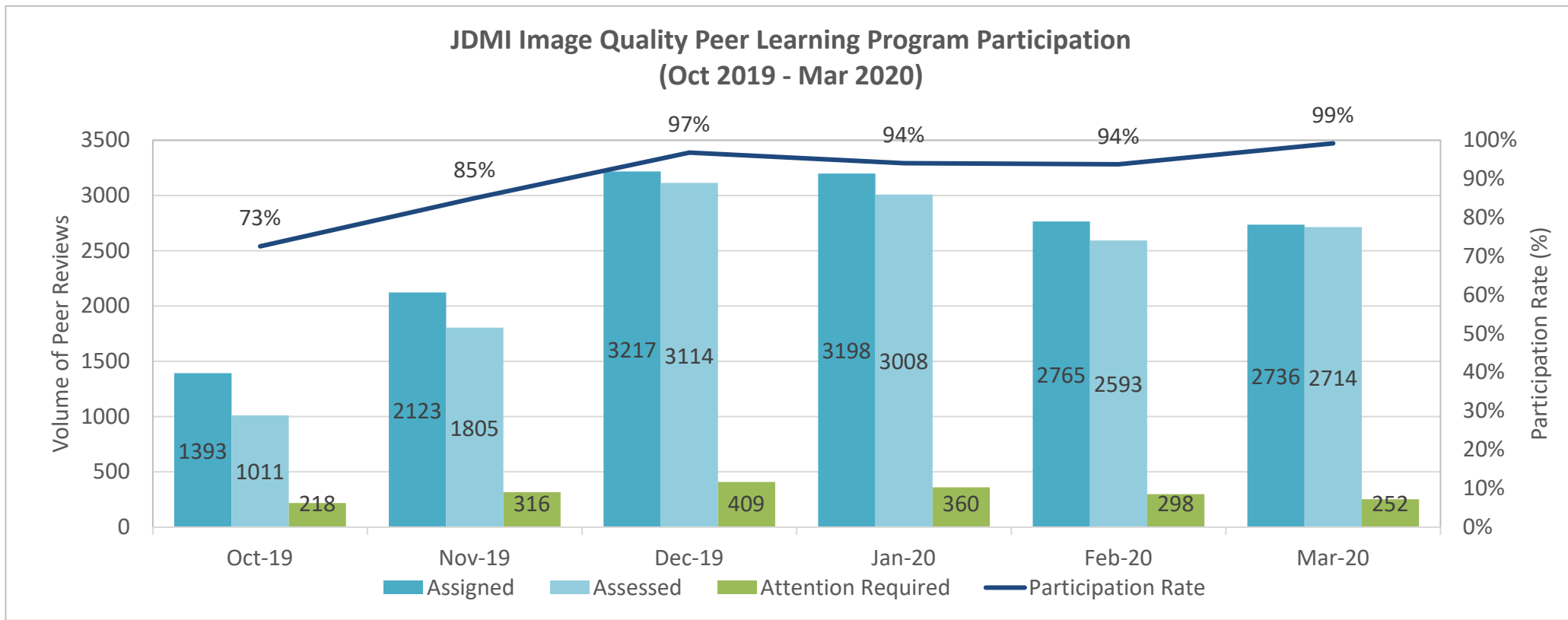


Full process enabled by Coral Review

Quality Lead Process



Where We Are Now & Next Steps



Next Steps for the JDAMI Image Quality Peer Learning Program

- Continue to share and discuss key learnings through quarterly Quality Rounds
- Disseminate post-evaluation survey to evaluate preferences towards peer learning after go-live
- Support other health care institutions in implementing image quality peer learning programs