



Prostate MR Image Quality Improvement Collaborative

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The American College of Radiology® (ACR®) is recruiting facilities to participate in the Prostate MR Image Quality Improvement Collaborative.

Why Is Improving Prostate MR Image Quality Important?

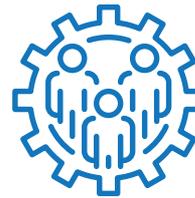
40%
OF BIPARAMETRIC
EXAMS

Prostate cancer is the second most common cause of cancer-related death in men in the United States. MRI is increasingly used in the diagnostic pathway of prostate cancer. However, up to 40% of

biparametric exams have inadequate image quality leading to diagnostic errors.

The ACR Prostate MR Image Quality Improvement Collaborative will bring together four to six teams to improve MRI prostate cancer imaging. Led by Andrei Purysko, MD, Clinical Assistant Professor of Radiology at the Cleveland Clinic, participating team members will support, encourage and learn from each other to improve performance at their local institution.

How Will the Improvement Collaborative Work?



Participants will work to develop image quality metrics, standardize equipment selection and ensure appropriate patient preparation to consistently deliver high-quality prostate MR images.

Each team will work to solve the same problem at their respective institutions, learning and sharing as they go, supported by ACR ImPower, a team-based, multidisciplinary and structured improvement program. Teams will participate 10 sessions over nine months to learn the methods and tools to support a systematic approach to problem solving in complex healthcare environments. Participating sites will become regional and even national leaders in prostate MR image quality, and will serve as an example for other facilities looking to reach similar performance goals.

What Is Required to Participate?

- A vested interest in improving prostate MR image quality in your institution.
- Supportive department leaders.
- Involvement of a quality improvement professional.
- A team of engaged front-line staff and leaders.

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The ACR Radiology Learning Network, under a grant from the Gordon and Betty Moore Foundation (Moore Foundation), seeks to improve diagnostic excellence in imaging, with a focus on cancer, using a learning health systems approach to simultaneously develop performance measures and validated improvement strategies at multiple local sites, followed by broad dissemination of both measures and improvement strategies.