How changes can happen in ACR Accreditation

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Disclosures

- None
  - except
Objectives

- Explain bigger picture: How ACR works
- Use patient journey as frame of reference
- Explain what ACR Q&S does
- Share the keys to change in ACR
- Reframe
“Word association”

If this society

Think this
ACR Core Purpose

- To serve patients and society by empowering members to advance the practice and science of radiological care.
How Does the ACR Work?

With so many initiatives going on at once, the College needs a well-defined, streamlined structure that is well representative of its diverse constituency. But who does what, how do the different parts of the ACR fit together, and how are you represented in this structure?
How Does the ACR Work?

The Board of Chancellors (BOC)
What is the Board of Chancellors? The Board of Chancellors is the executive body of the ACR. It includes a maximum of 34 chancellors and is presided over by the chair.
What does it do? The BOC meets to discuss strategic issues, guide the College’s finances, oversee the activities and programs of the College, and implement policies determined by the ACR Council.

Executive Committee
The Executive Committee acts for the BOC when the group is out of session.

The BOC organizes commissions, committees, and task forces to implement policy and develop programs consistent with the ACR’s strategic plan.

ACR Council
The ACR Council includes 340 representatives from chapters, branches of the military, government agencies, qualified subspecialty societies, the Resident and Fellow Section, and the Young and Early Career Physician Section.
What does it do? The council debates and approves ACR policy resolutions, bylaws resolutions, and practice parameters and technical standards.

ACR Staff
ACR staff report to the CEO and execute policy and implement programs in accordance with approved budgets.

Commissions, Committees, and Task Forces
Who makes up these groups? Each commission is chaired by a member of the BOC and made up of ACR members typically with specific experience in the area. Commissions are further divided into committees and subcommittees. Task forces are formed at the discretion of the chair of the BOC.
What do they do? Commissions, committees, and task forces are established to carry out policy initiatives and oversee activities and programs.

ACR Bulletin
ACR Chapters

- 50 states
- DC
- Puerto Rico
- CARROS
- Canada
Pre-Council caucuses

- Chapters
- States
- Specialties
- Geographic regions

The ACR Council

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ACR Board of Chancellors

- Max. 34 members
- Execute Council policy
- Oversight of programs
- Oversight of finances
- How does one end up on the BOC?
ACR Commissions

Operational

- Day-to-day
- Tend to align with HQ departments

Specialty

- Specific areas of concern
Specialty Commissions

- Commission on Body Imaging
- Commission on Breast Imaging
- Commission on General, Small, Emergency and/or Rural Practice
- Commission on Interventional & Cardiovascular Imaging
- Commission on Medical Physics
- Commission on Neuroradiology
- Commission on Nuclear Medicine and Molecular Imaging
- Commission on Pediatric Radiology
- Commission on Radiation Oncology
- Commission on Ultrasound
Operational Commissions

- Commission on Economics
- Commission on Government Relations
- Commission on Human Resources
- Commission on Informatics
- Commission on International Relations
- Commission on Leadership and Practice Development
- Commission on Membership and Communications
- Commission on Patient- and Family-Centered Care
- Commission on Publications and Lifelong Learning
- Commission on Quality and Safety
- Commission on Research
- Commission for Women and Diversity
ACR Board of Chancellors

- Commission Chairs
- At Large
- YPS
- Leadership
“Quality is about delivering consistent excellence.”

“Continuous improvement is the dedication to the proposition that we can always become better.”

From the Quality and Safety Newsletter.
Overarching goal

Enable radiology professionals to use appropriate tools to improve the outcomes and experience of our patients, and to manage population health.
Patient journey
Quality and Safety develop tools to support every aspect of a patient journey through radiology.

- Is an imaging exam necessary? If yes, which one?
- Is the imaging being performed safely and well?
- Does the radiologist have access to the best evidence when interpreting this study?

**ACR Appropriateness Criteria** (with patient friendly summaries)

- ACR Practice Parameters and Technical Standards

- ACR Accreditation (with patient focused resources)

**Reporting and Data Systems (RADS)**

- Managing Incidental Findings
These tools support the radiologist in delivering excellent care.

- Did the patient come in with the right order?
- Did the imaging team follow to acquire the image safely and well?
- What is the current state of evidence and consensus regarding this study?
Additional tools support ongoing improvement and demonstration of excellence.

- **National Radiology Data Registry**
- **DICOE and BICOE**
- **R-SCAN**
- **Annual Q&S Conference**
- **Performance measures**
- **Peer review and Peer learning**

**Monitor, benchmark & improve**

**Centers of Excellence Designation**

**Improve image ordering**

**Learn from other practices**

**New measures for improvement**

**Reducing errors**
ACR members shape every aspect of the Commission’s work.

**ACR Appropriateness Criteria**
- Authored by panels of ACR members.
- Transparent evidence-based methodology.
- Participation from non-radiology partners.

**ACR Practice Parameters and Technical Standards**
- Authored by member committees.
- Approved by ACR Council. Input from all members during field reviews.

**ACR Accreditation**
- Submissions reviewed by peers in active practice. Criteria based on PP&TS.

**National Radiology Data Registry**
- Framework for data collection, reporting, benchmarking, and research from member committees.

**Performance measures**
- Measure prioritization, definition, testing, and implementation overseen by member committee.

**Reporting and Data Systems (RADS) and Managing Incidental Findings**
- Authored by member committees.

**QC Manuals**
- Authored by member committees.

**Contrast Manual**
- Authored by member committees.

**MR Safety Manual**
- Authored by member committees.
The Commission on Quality and Safety engages over 1,000 members in these activities.
PP&TS

Medical Physics

26 PP&TS documents (14%)

~3% of ACR membership
Accreditation

- Breast MRI
- Breast Ultrasound
- CT
- Mammography
- MRI
- Nuclear Medicine & PET
- Radiation Oncology Practice
- Stereotactic Breast Biopsy
- Ultrasound
QC manuals all free online

- [https://www.acr.org/Clinical-Resources/Medical-Physics-Resources](https://www.acr.org/Clinical-Resources/Medical-Physics-Resources)
ACR Accreditation Programs

- Designed by members
- Self assessment
- Peer review
- Standards for quality and safety
Changing CTDI, considerations

- CMS-approved program
- Tied to reimbursement
- Decades as a standard
- IEC standard
- Must be generalizable
- Measurement equipment & cost
Changes in ACR

- Evidence
- Consensus
Changing CTDI in CTAP

- Evidence
- CTAP Physics SC
- CTAP Clinical Cmte
- Accred Chairs Cmte
- Q&S Commission
- Med Phys Commission
- CMS approval if necessary
- Build functionality into ACRedit+
- Notify facilities and stakeholders of upcoming change
Helical CTDI Study

A team of clinical researchers is investigating the generalizability of helical CTDI measurements as described by Leon et al in a 2020 paper published in JACMP.

Medical physicists who perform equipment performance evaluations on CT systems are invited to add a few extra measurements to their routine and submit their measurements as part of the study.

Measurements MUST be submitted in the spreadsheet available at URL below. Please be sure to read the instructions in the Excel file.

PLEASE DO NOT SUBMIT DATA MORE THAN ONCE FOR ANY INDIVIDUAL CT SYSTEM.

Researchers: Dustin Gress, Stephanie Leon, Bryan Schwarz, Izabella Barreto, Bob Kobistek, Chad Dillon, Jim Tomlinson, Mahadevappa Mahesh, & Dina Hernandez

Download Excel sheet at the following URL:
https://app.box.com/s/7helical-ctdi

Leon et al, "The helically-acquired CTDIvol as an alternative to traditional methodology," JACMP 2020:
https://doi.org/10.1002/jacm.212644
Participate!

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Download Excel sheet at the following URL:

https://www.acr.org/JACMP

https://twitter.com/DustinGress
Objectives Summary

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