In the Room Where it Happens: An Inside View from the ACR’s Board Chair

American College of Radiology Update

Geraldine B. McGinty, MD, MBA, FACR
ACR members are universally acknowledged as leaders in the delivery and advancement of quality healthcare.
Our Radiology Community is universally acknowledged as a leader in the delivery and advancement of quality healthcare.
What is ACR’s source of influence and power?

Making imaging safe, effective and accessible to those who need it.

The ACR’s Core Purpose is to serve patients and society by empowering members to advance the practice, science, and professions of radiological care.

38K members
75+ years
Unified Goals, Diverse Perspectives

- Race, Ethnicity and National Background
- Age
- Gender
- Points of View
- Practice Type
- Training

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ACR Strategic Priorities

1. **External Relationships**
2. Healthcare Payment Policies and Practice Models
3. Membership and Member Engagement
4. Radiology and Patient Centered Care
5. Innovation and Research: From Science to Practice and Policy
6. Data Science
External Relationships

AHA Physician Alliance
American College of Radiology presents:
Patient Forward:
Radiologists as Hospital Change Agents

GOVCONWIRE
CMS Announces 58 Awardees on $25B Health Care Quality Improvement Services IDIQ

Integrated Diagnostics
= Radiology + Pathology + Genomics

AMA Ed Hub™
Your center for personalized learning from sources you trust

ACP issues guidance statement for breast cancer screening of average-risk women with no symptoms

Great majority of average-risk women with no symptoms will benefit from mammography every other year beginning at age 50

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Clinical Decision Support Will Soon Be Mainstream

Posted on September 7, 2018 by acrpublicrelations

This post was contributed by Ashima Lall, MD, MBA, FACHE, system chief of performance improvement, Radiology Associates of the Main Line, Riddle Memorial Hospital, Main Line Health (Pennsylvania).

The recent 2019 Medicare Physician Fee Schedule (MPFS) proposed rule confirmed that CMS is serious about requiring providers to consult appropriate use criteria (AUC) prior to ordering advanced imaging — effective Jan. 1, 2020.

That means that using clinical decision support (CDS) to access these AUC will soon be mainstream clinical practice. We just have to connect referring providers with us — the imaging providers. The ACR is here to help.
Redistribution of Medicare $
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How Power Works in Our Hyperconnected World—and How to Make It Work for You

NEW POWER

JEREMY HEIMANS and HENRY TIMMS

Understanding “New Power”

by Jeremy Heimans and Henry Timms

From the December 2014 Issue

We all sense that power is shifting in the world. We see increasing political protest, a crisis in representation and governance, and startups Businesses upending traditional industries. But the nature of this shift tends to be either wildly romanticized or dangerously underestimated.

There are those who cherish idyllic visions of a new techno-utopia in which increased connectivity

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Does the model match the mission?

If we were designing the ACR from scratch, what would it look like in order to achieve our goals?
New Power at work at ACR2019

“Future Radiologist
“First-Time Attendee”

January 15, 2019

Christopher Colonda, MD, MPH, Co-Chair
William Scanlon, PhD, Co-Chair
Vision Initiative Commission


Dear Dr. Colonda and Dr. Scanlon:

The American College of Radiology (ACR) is a professional medical society with over 36,000 members, the vast majority of whom are Diplomates of the American Board of Radiology, an ABMS member board.

The ACR is pleased to support the response from the Council on Medical Specialty Societies (CMSS) to the Continuing Board Certification: Vision for the Future Commission Draft Report for Public Comment. ACR remains a strong proponent of physician self-regulation as a core responsibility of our profession. We are in agreement with the many proposed improvements our members expect to see in their professional board, and particularly highlight the CMSS call for a "moratorium" in prevailing continuing certification to "provide the ABMS and its member boards the needed time to get all aspects of continuing certification right."

Best regards,

Geralyn B. McGlity, MD, MBA, FACR
Chair, Board of Trustees
American College of Radiology

William T. Thawar J. MD, FACR
Chief Executive Officer
American College of Radiology
The summer of 2017 with Nth Dimensions, a summer internship program especially designed for first year minority students, gave me great vision for my career in medical school.
The clock has run out on sexual assault, harassment and inequality in the workplace. It's time to do something about it.

JOIN US IN 2019
White Paper: Corporatization in Radiology

Howard B. Fleishon, MD, Arvind Vijayasarathi, MD, MBA, MPH, Robert Pyatt, MD, Kurt Schoppe, MD, Seth A. Rosenthal, MD, Ezequiel Silva III, MD

DOI: https://doi.org/10.1016/j.jacr.2019.07.003 | Check for updates
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221000 new cases of lung cancer annually*

“Lung cancer kills more people each year than breast, colon and prostate cancers combined. Once implemented nationwide, this cost efficient test would be the more effective cancer screening examination in history”

*American Cancer Society
• Optimal uptake could save 65000 American lives each year
• This is a service that is paid for by Medicare and commercial insurers but at too low a rate
• Why does the Family Practice Community remain skeptical?
• What do we need to do differently?
A team effort!
Much work left to do
Payment Policy
Incidental findings
ACR Screening Leadership Group – new Breast Imaging Toolkit

“Talking to Patients About Breast Cancer Screening”

Toolkit of customizable resources to help referring doctors:

– Assess reliable breast cancer screening and outcomes data
– Discern actual breast cancer screening risks vs. benefits
– Discuss with patients when and how often to be screened
– Earn CME credit by completing module on AMA Ed Hub™ and on ACR.org

Toolkit Contents:

○ Separate Decision Aids for MDs and for Patients
○ Mammography Brochure
○ Breast Density Brochure
○ Short Educational Videos
○ Infographic on Mammography Risks
○ Full Powerpoint (for members only) for Screening Lectures
ACR Screening Leadership Group – new Breast Imaging Toolkit

“Talking to Patients About Breast Cancer Screening”

Customize Resources with Your Branding

• Share with referring clinicians (advise them of CME!)
• Post on website and in waiting room
• Include in correspondence with patients and providers
• Available at ACR.org and MammographySavesLives.org
No More CDs!

#DitchTheDisk

@towbinaj

It’s a thing! Let’s stand up for our patients and demand #NoMoreCDs #DitchTheDisk

Sarah Kliff @sarahkliff

Addendum: got a call from my doctors office - the files on the CD are in the wrong format! So now we are just going to redo the x-rays.

Not because I *need* new x-rays, but because there isn’t a way to transfer the data.

Geraldine McGinty @DrGMcGinty

#NoMoreCDs dotmed.com/news/story/430... @towbinaj #PFCC #SIIM18 can we make this a thing?
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Positioning the Neiman HPI for a Strong Future

ACR Member Governance

- NHPI Advisory Board
- ACR Commission Research and Innovation

ACR Staff Governance

- CRO
  - Etta Pisano
- EVP CRI
  - Charlie Apgar

Neiman Health Policy Institute

- Executive Director
  - Danny Hughes (non-ACR Staff)
- NHPI ACR Staff
  - Operations Manager: Nichole Gay
  - Analysts: Jennifer Hemingway, Laura Chaves Cerdas

NHPI-Northwell Steering Committee (50% ACR)

Georgia Tech

EMORY

AIRP

Northwell Health

Value of Imaging through Comparative Effectiveness (VOICE)
The ACR wants to be your Research partner
Agenda

1. Healthcare Payment Policies and Practice Models
2. Membership and Member Engagement
3. Radiology and Patient Centered Care
4. Innovation and Research: From Science to Practice and Policy
5. External Relationships
6. Data Science
ACR DSI Mission

Ensure the value of radiologists as AI evolves through the development of appropriate use cases and workflow integration

Establish industry relationships by providing credible use cases, help with FDA and other government agencies, and pathways for clinical integration

Protect patients through leadership roles in the regulatory process with government agencies and validation of algorithms

Educate radiologists, other physicians and all stakeholders about AI and the ACR’s role in data science for the good of our patients
AI Ethics Whitepaper
THE ACR DSI MOONSHOT: AI-LAB

What AI technology will enable ground-breaking activities in radiology?

DEMOCRATIZING AI
Empower radiologists to easily create AI

LEARN - Evaluate AI models while interactively learning about AI in medical imaging
DEFINE - Define AI Use Cases, build AI datasets and test AI models
CREATE - Create and test powerful AI models locally using on-premises data
COLLABORATE - Participate in cross-site AI projects and challenges
AI-LAB ECOSYSTEM

ACR AI-LAB™

ENTER

AI REGULATORS

AI DEVELOPERS

AI MARKETPLACES

HCIT INDUSTRY
AI-LAB WITH LOCAL CONNECTIVITY

- Educational lessons on data science, AI and its use in healthcare
- Access to publicly available datasets, annotations and models
- Ability to collaborate in the construction of AI datasets and models
- Experimentation with AI models on anonymized, cloud-based images
- Alone provides NO integration into local hospital systems
• Educational lessons on data science, AI and its use in healthcare
• Access to publicly available datasets, annotations and models
• Ability to collaborate in the construction of AI datasets and models
• Experimentation with AI models on anonymized, cloud-based images
• Alone provides no integration into local hospital systems

• Integration with local PACS system for the creation of AI models from local data
• Integration with local AI marketplaces for the evaluation of AI models
• Investigational use of AI models in preparation for regulatory approval
• US regulatory compliant solution for creation and evaluation of medical imaging AI
INTER-SITE AI COLLABORATION

7 AMC Pilot Consortium

AI COLLABORATION PATHWAY

CONNECT

AI-LAB WELCOME

Welcome to AI-LAB
The ACR Data Science Institute has developed the AI-LAB, a dedicated platform designed to demonstrate AI in practice across seven institutions, using their own patient data, to meet their own clinical needs.

Learn
Login and start exploring AI applications in imaging through a series of simulated scenarios.

Define Use Cases
Explore existing use cases for AI in medical imaging and propose your own ideas for a case study.

Upcoming Events
Breast Density
Crowdsourcing contest
A virtual crowdsourcing contest to assess AI-aided breast density scoring on 2500 mammograms: A radiologist needs your assistance at ACR 2017.

Sign up now!
INTER-SITE AI COLLABORATION

7 AMC Pilot Consortium

REQUESTS
- NORTHWESTERN
- CLEVELAND CLINIC
- MD ANDERSON
- STANFORD

DEVELOPMENT SITE
UW

AI LAB

AI-COLLABORATION PATHWAY

VALIDATION SITE
OSU

FEDERATING SITE
UCSF

EXPANDING PILOT

DEVELOPMENT SITE
MCH

FEDERATING SITE
EMORY

TESTING SITE
LAHEY

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DEMOCRATIZING AI
FOR ALL RADIOLOGISTS

• **AI-LAB TO GO LIVE AT CONSORTIUM SITES AFTER RSNA**

• **GOAL IS WIDE AVAILABILITY SUMMER 2020**

• **THIS IS SOMETHING IN WHICH EVERY RADIOLOGIST NEEDS TO BE EMPOWERED TO PARTICIPATE**

• **ONLY BY ENGAGING TOGETHER CAN WE FULLY REALISE THE POTENTIAL GAINS FOR OUR PATIENTS**
Inertia
Misalignment of financial incentives
Fear of change
Hype that can’t live up to reality
Decentralized healthcare
Complex AI and medical informatics
The path doesn’t look like an expedition party climbing Mt. Everest.
It’s only a movement if it moves without you.
We are here together to help our communities and make our patients better.