



Did you know...?

AAPM | 07/16/2019 | San Antonio TX

Dustin A. Gress, MS, DABR, DABSNM
Senior Advisor for Medical Physics

American College of Radiology

Disclosures

- None
 - except

Outline

- How does ACR work?
- Where does ACR fit in the ecosystem of societies?
- ACR Strategic Plan
- Resources
- Quality Measures

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?

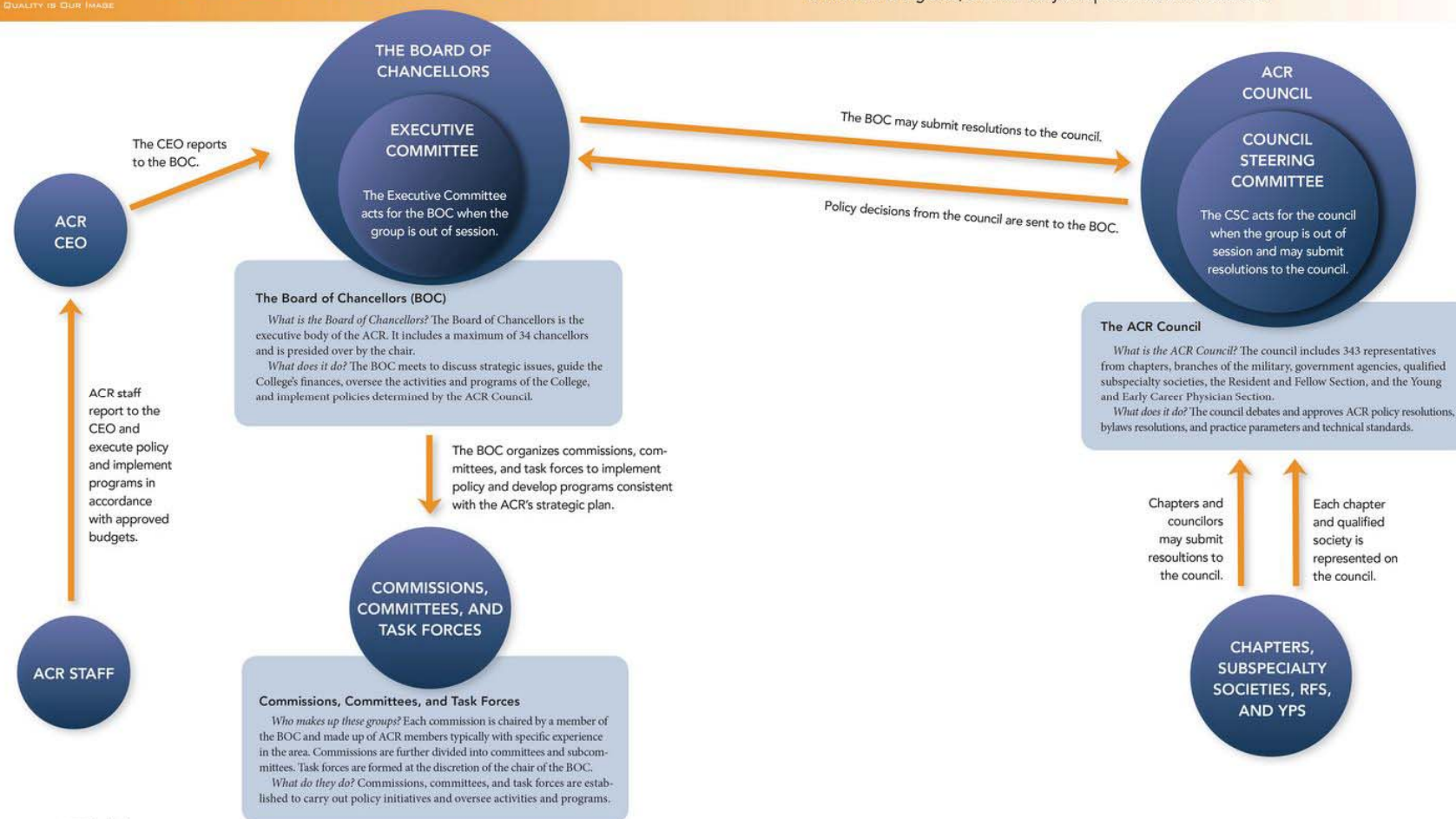
ACR STAFF

ACR Bulletin

CHAPTERS,
SUBSPECIALTY
SOCIETIES, RFS,
AND YPS

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?



“Word association”

If this society

Think this

ACR GR

- “If you’re not at the table, you’re on the menu.”
- “If they don’t let you at the table, bring a folding chair.”

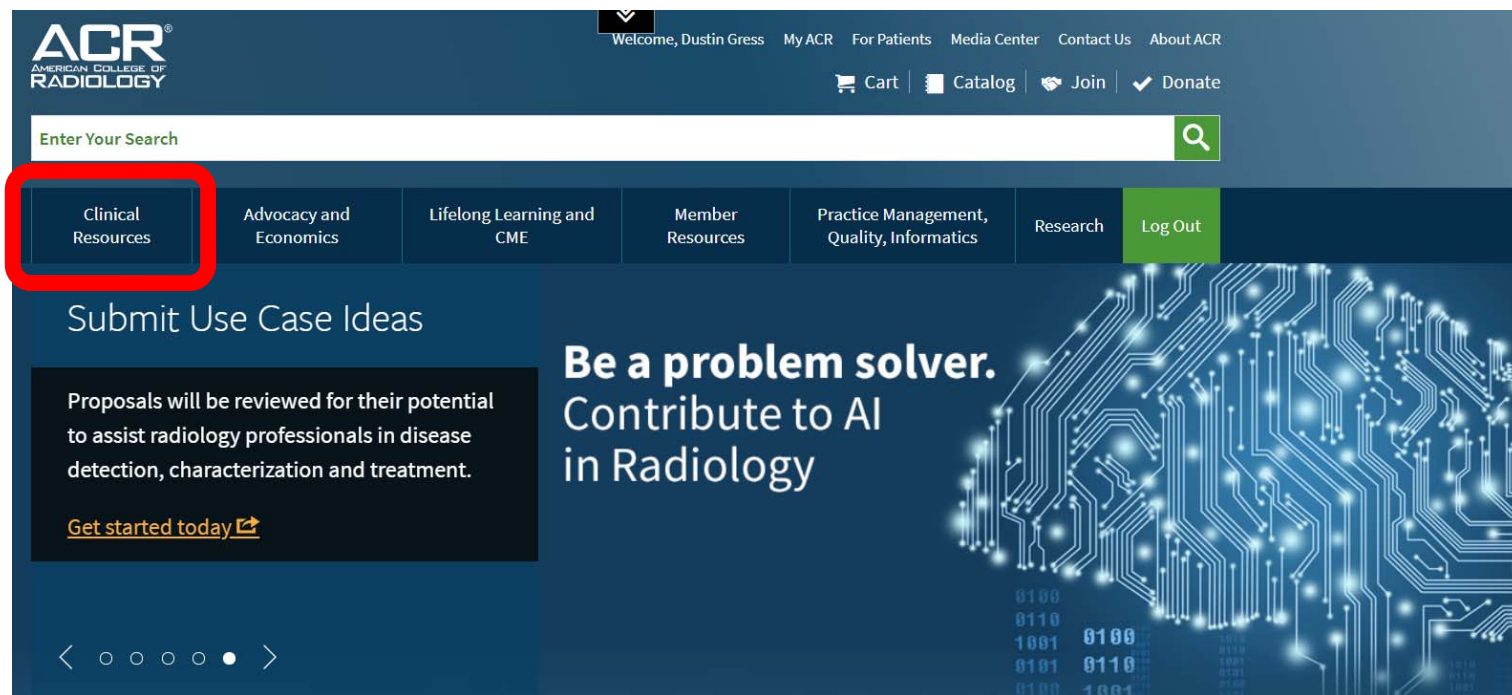
RADPAC vs. others

Cycle	2017-2018 (as of Sept. 2018)		2015-2016	
Specialty Society	Contributions	Rank	Contributions	Rank
American Medical Association***	\$1,730,506		\$2,099,957	
Anesthesiologists (ASA)	\$3,933,104	1	\$3,959,260	1
Orthopaedic Surgeons (AAOS)	\$2,297,866	2	\$2,569,244	3
RADPAC	\$2,155,945	3	\$2,667,802	2
Emergency Physicians (ACEP)	\$1,815,444	4	\$1,947,679	4
Dermatologists (AAD)	\$1,314,513	5	\$1,423,564	5
Ob-GYNs (ACOG)	\$1,031,960	6	\$1,191,575	6
Ophthalmologists (AAO)	\$940,423	7	\$1,097,044	8
Surgeons (ACS)	\$832,855	8	\$1,142,818	7
Family Physicians (AAFP)	\$796,833	9	\$903,409	9
Cardiologists (ACC)	\$694,991	10	\$717,771	11
Radiation Oncologists (ASTRO)	\$283,891	18	\$299,685	19
Interventional Radiology (SIR)	\$124,645	27	\$73,577	28
TOTAL (Not including AMA)	\$21,143,493		\$23,534,333	

Strategic Plan

- Health Care Payment Policies & Practice Models
- Membership & Member Engagement
- Radiology & Patient-Centered Care
- Innovation & Research: Science→Practice & Policy
- External Relationships
- Data Science

For ACR Members in Physics



The screenshot displays the ACR (American College of Radiology) website. The top navigation bar includes the ACR logo, a welcome message for 'Dustin Gress', and links for 'My ACR', 'For Patients', 'Media Center', 'Contact Us', and 'About ACR'. Below this, there are links for 'Cart', 'Catalog', 'Join', and 'Donate'. A search bar with the placeholder text 'Enter Your Search' is present. The main navigation menu features several categories: 'Clinical Resources' (highlighted with a red box), 'Advocacy and Economics', 'Lifelong Learning and CME', 'Member Resources', 'Practice Management, Quality, Informatics', 'Research', and 'Log Out'. Below the navigation menu, there are two main promotional banners. The left banner is titled 'Submit Use Case Ideas' and contains the text 'Proposals will be reviewed for their potential to assist radiology professionals in disease detection, characterization and treatment.' with a link 'Get started today' and an external link icon. The right banner is titled 'Be a problem solver. Contribute to AI in Radiology' and features a graphic of a brain composed of glowing circuit lines and binary code.

Enter Your Search


Clinical
Resources

Advocacy and
Economics

Lifelong Learning and
CME

Mem
Resou

Clinical Resources

Accreditation 

ACR Appropriateness Criteria®

Breast Imaging Resources

Clinical Decision Support

Collaborative Guidelines

Colon Cancer Screening Resources

Contrast Manual

Incidental Findings

Interventional Radiology Resources

Lung Cancer Screening Resources

Medical Physics Resources

Practice Parameters

Quality and Safety News

Radiation Oncology Resources

■ <https://www.acr.org/Clinical-Resources/Medical-Physics-Resources>

Medical Physics Resources


These ACR resources, relevant to medical physicists, are both public and member-only and include ACR quality control manuals, ACR Accreditation resources, guidance documents, patient communication tools, and other helpful information.

Quality Control Manuals

CT »

Mammography »

MR »

Stereotactic Breast
Biopsy 

RadiologyInfo.org

RadiologyInfo.org
For patients



[Test/Treatment](#) [Children](#) [Screening/Wellness](#) [Disease/Condition](#) [Safety](#) [En Español](#) [More Info](#)

Spotlight

February is American Heart Month ►

Recently posted:

- [Video: PET Scans](#) ►
- [Video: Transjugular Intrahepatic Portosystemic Shunt \(TIPS\)](#) ►

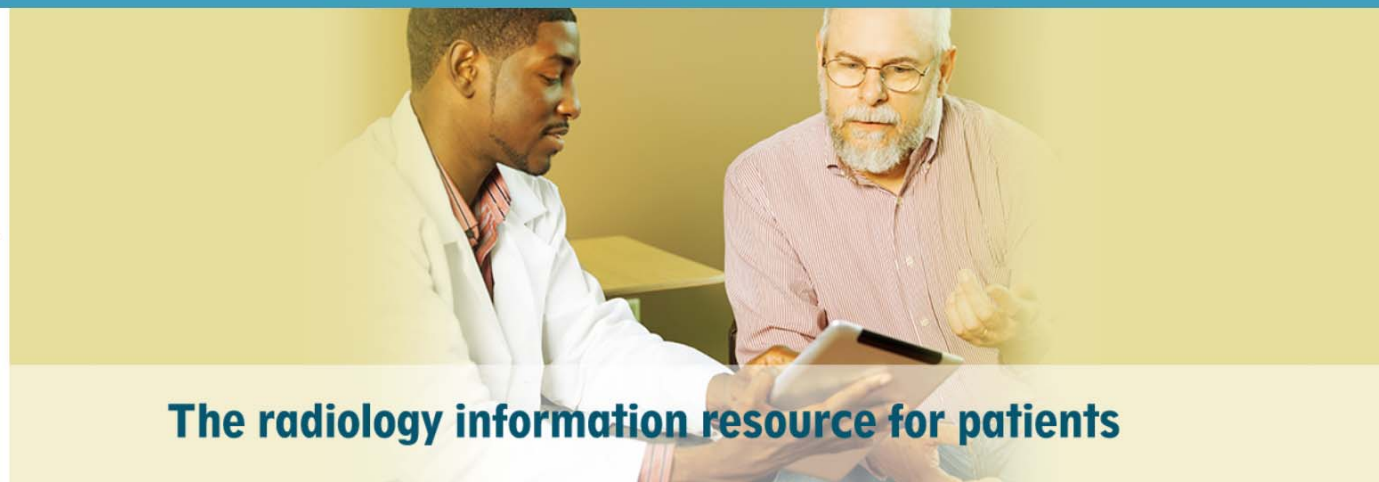
[Radiology and You](#) ►

[RadInfo 4 Kids](#) ►

Pediatric Content



Some imaging tests and treatments have special pediatric considerations. The teddy bear denotes child-specific content.



The radiology information resource for patients

American College of Radiology

ACR Well-Being Program

Are You Experiencing
Burnout?

Assess your level of wellness and identify
ways to prevent burnout

[Take the first step to well-being »](#)



New ACR Radiologist Well-Being Program



Being Well
Together

Accreditation



Breast MRI »



Breast Ultrasound »



CT »



Mammography »



MRI »



Nuclear Medicine &
PET »



Radiation Oncology
Practice »



Stereotactic Breast
Biopsy »



Ultrasound »

MIPS
QCDR

Qualified Clinical Data
Registry »

NRDR
LCSR[™]
LUNG CANCER SCREENING
REGISTRY
AMERICAN COLLEGE OF RADIOLOGY

Lung Cancer Screening
Registry »

NRDR
DIR[®]
DOSE INDEX
REGISTRY
AMERICAN COLLEGE OF RADIOLOGY

Dose Index Registry »

NRDR
IR
INTERVENTIONAL RADIOLOGY
REGISTRY[™]
AMERICAN COLLEGE OF RADIOLOGY
SOCIETY OF INTERVENTIONAL RADIOLOGY

Interventional
Radiology Registry »

NRDR
NMD[®]
NATIONAL MAMMOGRAPHY
DATABASE
AMERICAN COLLEGE OF RADIOLOGY

National Mammography
Database »

NRDR
GRID[®]
GENERAL RADIOLOGY
IMPROVEMENT
DATABASE
AMERICAN COLLEGE OF RADIOLOGY

General Radiology
Improvement
Database »

NRDR
CTC[™]
CT COLONOGRAPHY
REGISTRY
AMERICAN COLLEGE OF RADIOLOGY

CT Colonography
Registry »

NRDR
CDS[™]
CLINICAL DECISION SUPPORT
R-SCAN REGISTRY
AMERICAN COLLEGE OF RADIOLOGY

CDS R-SCAN Registry »

MACRA – 2015

- Implemented by CMS as the **Quality Payment Program (QPP)** starting January 1, 2017
- Under the QPP, clinicians can participate in either the **Merit-based Incentive Payment System (MIPS)** or in **Advanced Alternative Payment Models (APMs)** – positive/negative adjustments
- **Legacy quality programs** (PQRS, Value-Based Payment Modifier and Medicare EHR Incentive Program) **streamlined into MIPS** with new category, **Improvement Activities**

12 months of data

Quality



45% of MIPS Score

Cost



15% of MIPS Score

Administrative claims

90 days of data

Improvement Activities



15% of MIPS Score

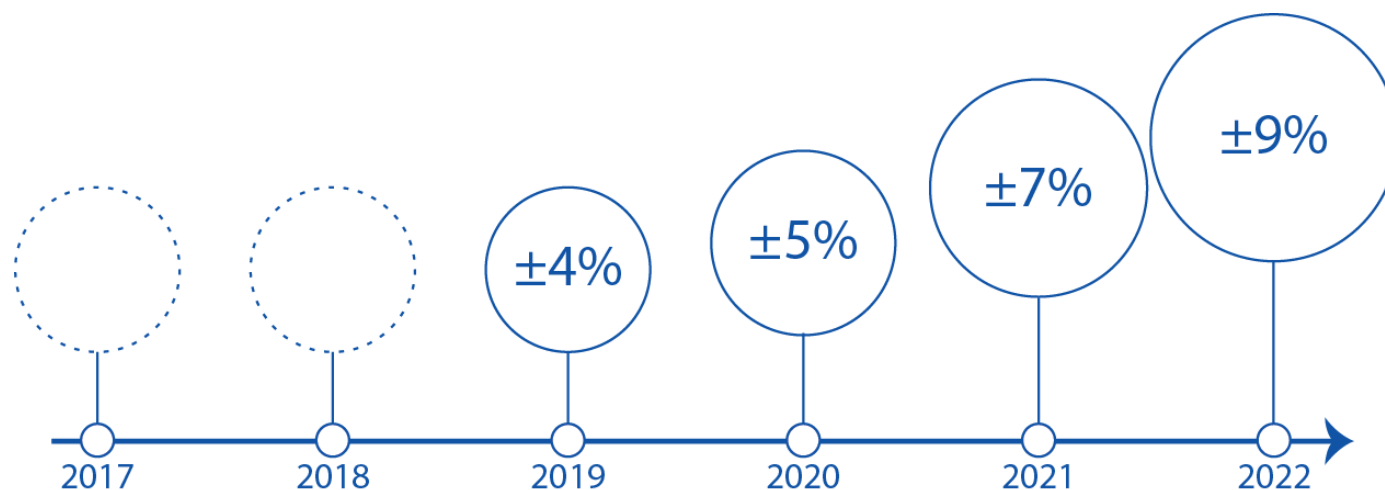
Promoting Interoperability



25% of MIPS Score

90 days of data

Zero-sum / budget neutral



source: <https://qpp.cms.gov/>

What is a Quality Measure?

- Guidelines used to evaluate quality and cost-of-care performance; they drive improvement, allow patients to make informed decisions, and are used to influence provider payment.
- Denominator: population being evaluated
- Numerator: # of “performance met” instances

DIR

QCDR Measure

ACRad 34

Measure Title

Multi-strata weighted average for 3 CT Exam Types: Overall Percent of CT exams for which Dose Length Product is at or below the size-specific diagnostic reference level (for CT Abdomen-pelvis with contrast/single phase scan, CT Chest without contrast/single phase scan and CT Head/Brain without contrast/single phase scan)

Measure testing

- Feasibility
- Validity
- Reliability
- Peer-reviewed publication

- Opportunity for medical physicists!

ACR 2018 DI QM #5

- Percentage of patients aged 18 years and older with a diagnosis of urolithiasis or nephrolithiasis undergoing CT imaging exams of the abdomen or pelvis to evaluate for urologic stones undergoing only low-dose CT exams of the abdomen or pelvis without intravenous contrast

ACR 2018 DI QM #6

- Percentage of patients aged less than 18 years with a ventricular shunt undergoing cranial imaging exams to evaluate for ventricular shunt malfunction undergoing either low dose cranial CT exams or MRI

These are in your wheelhouse

- Opportunity to provide value

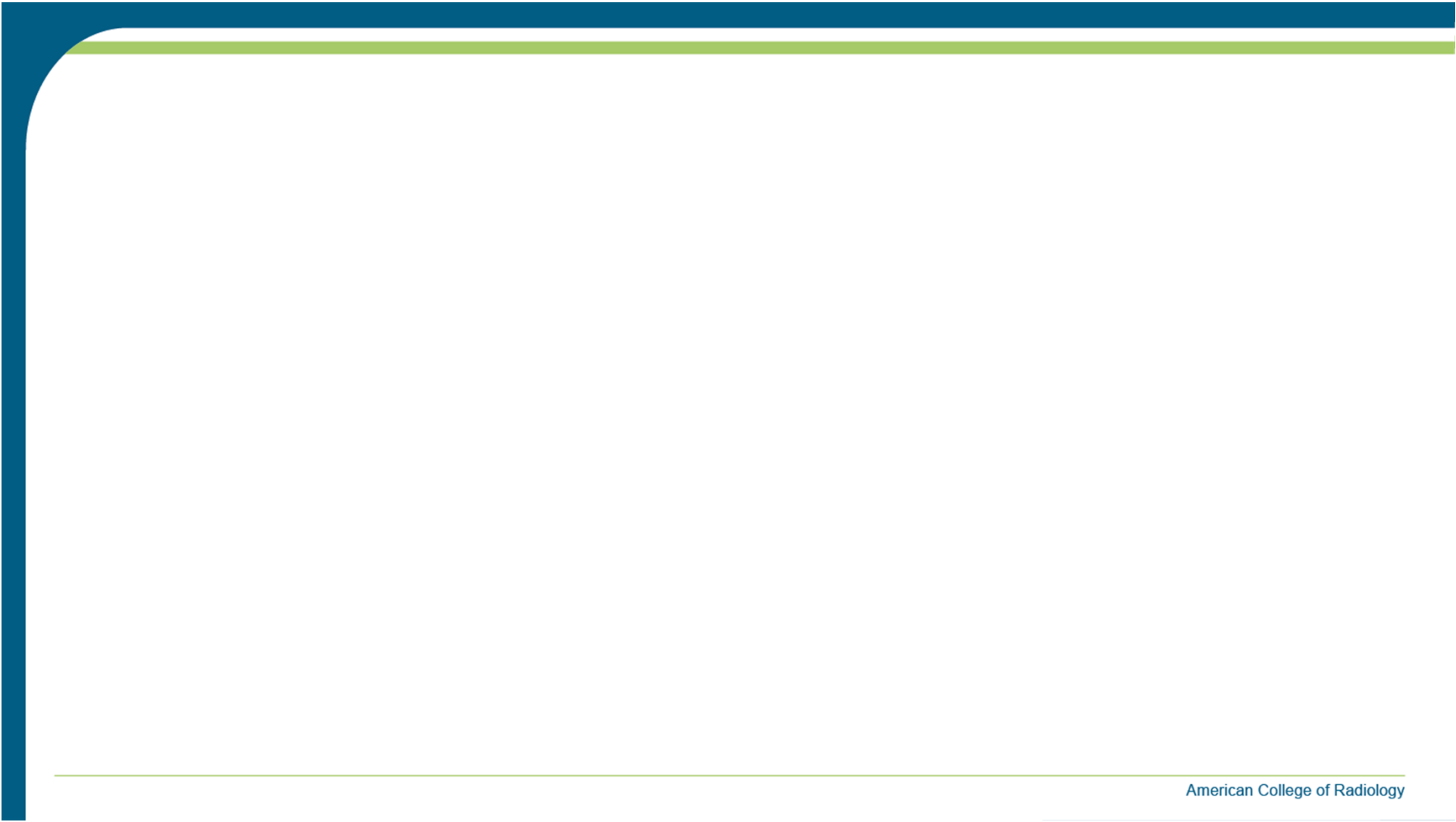
Outline Summary

- How does ACR work?
- Where does ACR fit in the ecosystem of societies?
- ACR Strategic Plan
- Resources
- Quality Measures

Acknowledgements

- Mythreyi Chatfield, PhD
- Judy Burleson, MHSA
- Karen Orozco, CHES – korozco@acr.org

Thank you



R-SCAN (rscan.org)

- Team-based collaboration to limit waste of resources
- Move healthcare in the direction of CDS
- No cost
- Potential to expansion of model into registries



Thank you