Maintenance of Certification for the Radiologist

“MOC 101”

Ella A. Kazerooni, M.D.
ABR Trustee – Cardiopulmonary Radiology
Professor & Associate Chair for Clinical Affairs,
Director of Cardiothoracic Radiology, University of Michigan
Learning Objectives

• To identify the 4 components of MOC
• To describe the requirements of a Practice Quality Improvement (PQI) project
• To understand what resources are available from the American Board of Radiology for MOC and PQI
Maintenance of Certification

• active process of assessment and continuous professional development
• requires participants to demonstrate ongoing competency, and
• keep pace with advances in their field of medicine throughout their entire careers

movement from certification toward demonstration of competency in practice of medicine
Relationship Between Training, Time & Competence

- Doctor X
- Minimal Standard
Change in Performance Over Time

Lower Performance All Outcomes

- Studies in which length of time in practice or age was associated with lower performance for all outcomes.
- Studies in which length of time in practice or age was associated with lower performance for some outcomes; no effect was found for other outcomes.
- Studies in which there was a concave relationship between length of time in practice or age and performance.
- Studies in which no association was found between length of time in practice or age and performance.
- Studies in which length of time in practice or age was associated with higher performance for some outcomes; no effect was found for other outcomes.
- Studies in which length of time in practice or age was associated with higher performance for all outcomes.

Physician Performance Problems

• Physicians disciplined by State Medical Boards in 2002
  – 1739 licenses revoked / 1218 restricted

• Underlying causes:
  – Mental/behavioral problems
  – Physical illness – *cognitive impairment*
  – *Failure to acquire/maintain knowledge and skills*

• 1/3 physicians – impaired ability to practice medicine safely at some time

Leape & Fromson, Annals of Internal Medicine, 2006;144:107-115
Physician Performance Problems

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality / competence / negligence</td>
<td>34%</td>
<td>38%</td>
<td>50%</td>
</tr>
<tr>
<td>Unprofessional conduct</td>
<td>30%</td>
<td>46%</td>
<td>43%</td>
</tr>
<tr>
<td>Impairment</td>
<td>14%</td>
<td>16%</td>
<td>4%</td>
</tr>
<tr>
<td>Miscellaneous / other</td>
<td>32%</td>
<td>2%</td>
<td>40%</td>
</tr>
<tr>
<td>Sample size</td>
<td>375</td>
<td>890</td>
<td>396</td>
</tr>
</tbody>
</table>

Communication → frequent complaint to state medical boards
MOC as a Comprehensive Approach to Physician Accountability

- Integrates the patient’s voice
- Hold peer’s accountable for self-regulation
- Supports transparency to the public
- Addresses patient safety
- Addresses communication skills and professionalism
- Includes assessment of knowledge and cognitive skills
- Incorporates quality improvement
ABMS Maintenance of Certification®

MOC Is the Path. Better Care is the Destination.

Certification Matters. And ultimately, the measure of physician specialists is not merely that they have been certified, but how well they keep current in their specialty.

That’s why in 2000, the 24 Member Boards of ABMS agreed to evolve their recertification programs to one of continuous professional development – ABMS Maintenance of Certification® (ABMS MOC®). ABMS MOC assures that the physician is committed to lifelong learning and competency in a specialty and/or subspecialty by requiring ongoing measurement of six core competencies adopted by ABMS and ACGME in 1999. Measurement of these competencies happens in a variety of ways, some of which vary according to the specialty. This is carried out by all Member Boards using a four-part process that is designed to keep certification continuous. In 2006, all Member Boards received approval of their ABMS MOC program plans. The boards are now in the process of implementation.

Six Core Competencies for Quality Patient Care

- Patient Care
- Interpersonal and Communication Skills
- Medical Knowledge
- Professionalism
- Practice-based Learning
- Systems-based Practice
### ABMS Maintenance of Certification®

With a Four-Part Process for Continuous Learning Keeps Your Certification Current

<table>
<thead>
<tr>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
<th>Part IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensure and Professional Standing</td>
<td>Lifelong Learning and Self-Assessment</td>
<td>Cognitive Expertise</td>
<td>Practice Performance Assessment</td>
</tr>
<tr>
<td>Hold a valid, unrestricted medical license</td>
<td>Educational and self-assessment programs determined by your Member Board</td>
<td>Demonstrate your specialty-specific skills and knowledge</td>
<td>Demonstrate your use of best evidence and practices compared to peers and national benchmarks</td>
</tr>
</tbody>
</table>
The MOC program evaluates SIX ESSENTIAL COMPETENCIES on a continuous basis:

- medical knowledge
- patient care
- interpersonal and communication skills
- professionalism
- practice-based learning and improvement
- systems-based practice

MOC utilizes FOUR COMPONENTS to evaluate the six competencies:

- One: evidence of professional standing
- Two: lifelong learning and self-assessment
- Three: cognitive expertise
- Four: practice quality improvement
Stakeholders in MOC

• Physicians
• ABMS
• Provider Groups/Care Delivery Institutions
• External Parties for Endorsement/Credentialing
• Payors
• Public
Welcome back Dr. Ella Annabelle E. Kazerooni Nino!

You last signed in on 2010-10-28 11:38:45.063

**MOC Enrollment:** You are currently enrolled in: MOC in Diagnostic Radiology.

**Licenses:** Your MI state license expires on 1/31/2011.

**Payments:** Your current balance due is $0.00.

**MOC Status:** Your MOC Cycle in Diagnostic Radiology will complete in 2017.

- **Part 1:** Professional Standing
- **Part 2:** Lifelong Learning & Self Assessment
- **Part 3:** Cognitive Expertise
- **Part 4:** Practice Quality Improvement

1 license(s) on file.

221.75 Category 1 Credits, 4.00 SAMe

You are currently **Partially Compliant** in PQI.

For details about compliance [click here](#)

---

**News**

**IMPORTANT!** BE SURE TO SEE YOUR 2010 DIAGNOSTIC RADIOLOGY ABR-MOC ANNUAL UPDATE.

Please follow this link, [2010 ABR Diagnostic Radiology MOC Annual Update](#), to view your 2010 ABR Diagnostic Radiology MOC Annual Update. This update contains important information regarding the ABR MOC program.

---

**Having a problem with the website?**

---

**TERMS OF USE**

**MOC AGREEMENT**

**LATE FEE POLICY**

**CONTACT US**

**ABR WEB SITE**

---

Copyright © 2010 The American Board of Radiology All rights reserved.
The 4 Components of MOC

Part I: Professional Standing
Part II: Lifelong Learning and Periodic Self-assessment
Part III: Cognitive Expertise
Part IV: Practice Quality Improvement
Part I: Professional Standing

- Current and unrestricted medical license
- ABR requires an active medical license in the state in which you practice to remain a diplomat of the ABR
Dr. Ella Annabelle E. Kazerooni Nino (ABR ID 36399)

**Documentation of Licensure**

Below lists your licenses that we currently have on file. You have until the end of the day to edit or delete any license you have entered. Items entered today are pending approval. Please notify the Board within 60 days of any action(s) taken by any licensing board(s) regarding your state medical license(s).

<table>
<thead>
<tr>
<th>State</th>
<th>Licensure ID Number</th>
<th>Initiation Date</th>
<th>Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>MI</td>
<td>53676</td>
<td>7/1/1988</td>
<td>1/31/2011</td>
</tr>
</tbody>
</table>

*Please note: You have until the end of the day to edit or delete any license you have entered.
Please notify the Board within 60 days of any action(s) taken by any licensing board(s) regarding your state medical license(s).*

**Licenses highlighted in Yellow are Expired**

**Add A License**

State: [Select a State]

Licensure ID Number:

Initiation Date: [optional]

Expiration Date:

Notes:

Add Licensure

Terms of Use  MOC Agreement  Late Fee Policy  Contact Us  ABR Website

Copyright © 2010 The American Board of Radiology All rights reserved.
Part II: Lifelong Learning and Periodic Self-assessment

• 250 CME credits over 10 years
  – 25/year
  – many states require 25-30 Category 1 CME/year for medical licensure
  – can be automatically reported to the ABR through the CME Gateway

• 20 Self Assessment Modules (SAMs) in 10 years
  – developed by societies; approved by ABR
  – educational content and evaluation
  – 4 non interpretive skills, 16 clinical
### Category 1 CME & Self Assessment Modules (SAMs)

**Official CME/SAM Attestation (Required)**

Record your official Category 1 and SAM count here.

<table>
<thead>
<tr>
<th>Category 1 CME Credits</th>
<th>SAM Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Credit Year</strong></td>
<td><strong>Gateway CME</strong></td>
</tr>
<tr>
<td>2010</td>
<td>21.75</td>
</tr>
<tr>
<td>2009</td>
<td>31.50</td>
</tr>
<tr>
<td>2008</td>
<td>16.50</td>
</tr>
<tr>
<td>2007</td>
<td>3.00</td>
</tr>
<tr>
<td>2006</td>
<td>0.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category 1 CME Credits</th>
<th>SAM Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Credit Year</strong></td>
<td><strong>Gateway SAMs</strong></td>
</tr>
<tr>
<td>2010</td>
<td>4.00</td>
</tr>
<tr>
<td>2009</td>
<td>0.00</td>
</tr>
<tr>
<td>2008</td>
<td>0.00</td>
</tr>
<tr>
<td>2007</td>
<td>0.00</td>
</tr>
<tr>
<td>2006</td>
<td>0.00</td>
</tr>
</tbody>
</table>
### Category 1 CME & Self Assessment Modules (SAMs)

This area is for your personal records and is not reported to The ABR.

<table>
<thead>
<tr>
<th>Year Credited</th>
<th>Organization</th>
<th>Category 1 Credits</th>
<th>SAM Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>ACR</td>
<td>5.25</td>
<td>0.00</td>
</tr>
<tr>
<td>2010</td>
<td>ARRS</td>
<td>6.50</td>
<td>4.00</td>
</tr>
<tr>
<td>2010</td>
<td>RSNA</td>
<td>10.00</td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>ACR</td>
<td>13.25</td>
<td>0.00</td>
</tr>
<tr>
<td>2009</td>
<td>ARRS</td>
<td>3.50</td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>RSNA</td>
<td>14.75</td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>ARRS</td>
<td>6.50</td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>RSNA</td>
<td>10.00</td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>ARRS</td>
<td>3.00</td>
<td></td>
</tr>
</tbody>
</table>
Quick Start
The CME Gateway allows you to view, print or generate reports of your CME credits from multiple societies.
If you already have an account with this website, please log in.
If you need to create an account, click on the SIGN UP NOW link at the bottom of this page.

What is the CME Gateway?
It is an aggregation of CME credits (and other continuing education credits) issued by participating medical societies. It consists of a cross-platform data standard, software tools for collecting and aggregating these data, and a website to allow physicians to display and print reports from these data.

The CME Gateway Is Not
...a long-term CME storage facility. Storage of CME credits remains in the control of each participating society. Each society shares only the data they wish to share.

Functional Description
The gateway requests information from participating societies for an individual by cross-referencing a unique member ID for each society to a single gateway ID. A gateway user's society member ID is then used to collect and aggregate CME data from participating societies and to generate online reports.

Important Notice
The American College of Radiology is a strategic partner of the American Roentgen Ray Society. As of May 20, 2010 all ACR CME activities will be accredited by the American Roentgen Ray Society and will be noted as such on CME reports and certificates. Activities completed prior to May 20 were accredited by the American College of Radiology. Records for these activities will not change.

Join Now!
Start accessing your CME credits online!
Click the link below to create your CME Gateway account.

Print CME Reports
Place a check next to the organization(s) you would like your report to cover. Select your date range and category filter. Click on VIEW to view your report on screen. Click on PRINT to generate a print version of the report.

Organizations
- American College of Radiology
- American Roentgen Ray Society
- Radiological Society of North America

Start Date: 1999-12-03
End Date: 2010-05-22
Credit Category: ALL
You may now export this as a CSV file.

<table>
<thead>
<tr>
<th>SPONSOR PROGRAM</th>
<th>SESSION ID</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRS</td>
<td>AJR Integrative Imaging, March 2006; 186:S215-S218</td>
<td>Imaging of Pulmonary Emboils: Self-Assessment Module</td>
</tr>
<tr>
<td>ARRS</td>
<td>AJR Integrative Imaging, March 2007; 186:1-4</td>
<td>Imaging Evaluation of the Solitary Pulmonary Nodule: Self-Assessment Module</td>
</tr>
<tr>
<td>ARRS</td>
<td>AJR Integrative Imaging, March 2008; 190:7-10</td>
<td>Imaging of Sarcoidosis: Self-Assessment Module</td>
</tr>
<tr>
<td>ARRS</td>
<td>AJR Integrative Imaging, March 2009; 192:14-19</td>
<td>Imaging of Lung Transplantation: Self-Assessment Module</td>
</tr>
<tr>
<td>ARRS</td>
<td>AJR Integrative Imaging, March 2008; 186:S215-S218</td>
<td>Imaging of Pulmonary Embolism: Self-Assessment Module</td>
</tr>
<tr>
<td>ARRS</td>
<td>AJR Integrative Imaging, March 2007; 186:1-4</td>
<td>Imaging Evaluation of the Solitary Pulmonary Nodule: Self-Assessment Module</td>
</tr>
<tr>
<td>ARRS</td>
<td>AJR Integrative Imaging, March 2008; 190:7-10</td>
<td>Imaging of Sarcoidosis: Self-Assessment Module</td>
</tr>
<tr>
<td>ARRS</td>
<td>AJR Integrative Imaging, March 2009; 192:14-19</td>
<td>Imaging of Lung Transplantation: Self-Assessment Module</td>
</tr>
<tr>
<td>ACR</td>
<td>2010 ACR Annual Meeting Bamp; Chapter Leadership Conf.</td>
<td>2010 ACR Annual Meeting Bamp; Chapter Leadership Conf. (AMCL10EDC01TR-CAT1)</td>
</tr>
<tr>
<td>ACR</td>
<td>2010 ACR Annual Meeting Bamp; Chapter Leadership Conf.</td>
<td>2010 ACR Annual Meeting Bamp; Chapter Leadership Conf. (AMCL10EDC01TR-SAM)</td>
</tr>
<tr>
<td>RSNA</td>
<td>2010 ABR Test Assembly</td>
<td>ABR10-2 ~ 2010 ABR Test Assembly Diagnostic Radiology Clinical Cardiac Radiology</td>
</tr>
<tr>
<td>RSNA</td>
<td>PQI Templates Workshop 2009</td>
<td>PQIWRK2009-1 ~ PQI Templates Workshop 2009</td>
</tr>
<tr>
<td>ACR</td>
<td>2009 InterSociety Summer Conference</td>
<td>2009 InterSociety Summer Conference (ISC09TR-CAT1)</td>
</tr>
<tr>
<td>ACR</td>
<td>2009 InterSociety Summer Conference</td>
<td>2009 InterSociety Summer Conference (ISC09TR-SAM)</td>
</tr>
<tr>
<td>RSNA</td>
<td>Association of University Radiologists Annual Meeting 2009</td>
<td>AUR2009-61 ~ GERRAF Session</td>
</tr>
<tr>
<td>RSNA</td>
<td>Association of University Radiologists Annual Meeting 2009</td>
<td>AUR2009-65 ~ APDR Keynote Speaker Patient Safety</td>
</tr>
<tr>
<td>RSNA</td>
<td>Association of University Radiologists Annual Meeting 2009</td>
<td>AUR2009-68 ~ A2CRC/APDR/APCR Session Problem Solving Roundtables</td>
</tr>
<tr>
<td>ARRS</td>
<td>ARRS 2009 Annual Meeting - Boston, MA</td>
<td>IC110. ABR Update</td>
</tr>
<tr>
<td>ARRS</td>
<td>ARRS 2009 Annual Meeting - Boston, MA</td>
<td>IAR. Evaluation of a Diagnostic Test</td>
</tr>
<tr>
<td>ARRS</td>
<td>ARRS 2009 Annual Meeting - Boston, MA</td>
<td>Education Seminar</td>
</tr>
<tr>
<td>ARRS</td>
<td>ARRS 2008 Annual Meeting - Washington, DC</td>
<td>Caldwell Lecture</td>
</tr>
<tr>
<td>ARRS</td>
<td>ARRS 2008 Annual Meeting - Washington, DC</td>
<td>IC314. CT and MR Imaging of the Aorta</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DATE</th>
<th>TYPE</th>
<th>EARNED</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-05-22</td>
<td>CAT1</td>
<td>2.00</td>
</tr>
<tr>
<td>2010-05-22</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2010-05-22</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2010-05-22</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2010-05-22</td>
<td>SAM</td>
<td>1.00</td>
</tr>
<tr>
<td>2010-05-22</td>
<td>SAM</td>
<td>1.00</td>
</tr>
<tr>
<td>2010-05-22</td>
<td>SAM</td>
<td>1.00</td>
</tr>
<tr>
<td>2010-05-22</td>
<td>SAM</td>
<td>1.00</td>
</tr>
<tr>
<td>2010-05-15</td>
<td>CAT1</td>
<td>5.25</td>
</tr>
<tr>
<td>2010-05-15</td>
<td>SAM</td>
<td>0.00</td>
</tr>
<tr>
<td>2010-01-09</td>
<td>CAT1</td>
<td>10.00</td>
</tr>
<tr>
<td>2009-10-27</td>
<td>CAT1</td>
<td>10.25</td>
</tr>
<tr>
<td>2009-07-31</td>
<td>CAT1</td>
<td>13.25</td>
</tr>
<tr>
<td>2009-07-31</td>
<td>SAM</td>
<td>0.00</td>
</tr>
<tr>
<td>2009-05-15</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2009-05-15</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2009-05-15</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2009-05-09</td>
<td>CAT1</td>
<td>0.00</td>
</tr>
<tr>
<td>2009-05-09</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2009-05-09</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2008-04-16</td>
<td>CAT1</td>
<td>1.00</td>
</tr>
<tr>
<td>2008-04-16</td>
<td>CAT1</td>
<td>1.50</td>
</tr>
<tr>
<td>2008-04-16</td>
<td>CAT1</td>
<td>1.00</td>
</tr>
</tbody>
</table>
Lifelong Learning and Self Assessment

There have been several changes in the reporting of your credits for MOC. Click here for details.

View/Edit Category 1 CME and Self Assessment Module (SAM) details

Each diplomat of Diagnostic Radiology and its subspecialties is expected to engage in lifelong learning.

Lifelong Learning: Requires a minimum of 250 credits in ACCME Category 1. A minimum of 70% of the 250 credits must be in diagnostic radiology or related areas; "Specialty-specific" means any credit related to the specialty of radiology, and also to the areas related to the radiologist’s specific practice, such as neurology for the neuroradiologist, urology for the genitourinary radiologist, orthopedics for the musculoskeletal radiologist. The remaining 30% can include additional specialty-specific material as well as clinically related areas or relevant topics such as risk management, ethics, statistics, the processes of continuous quality improvement, methodologies of outcome of measurement, etc. Timelines showing prorated requirements during MOC phase-in process can be found on the ABR website.

Self-assessment: The self-assessment requirement is satisfied through a series of Self-assessment Modules (SAMs), which are also ACCME CME Category 1-approved activities. To count toward MOC, a SAM must be ABR-qualified. Qualified SAMs are classified into two subgroups: General Content SAMs, required of all diplomates, and Clinical Content SAMs. The latter are selected by the diplomate from multiple available specialty and subspecialty modules. Each ABR-qualified SAM consists of instructional content followed by multiple-choice questions. Feedback to the diplomate must include correct answers, evaluation of performance in the participating group, and relevant references and discussion. List of the SAMs Available

Each diplomat must complete 20 SAMs over the ten-year cycle, with an ideal of two per year. Twenty percent (20%) of SAMs, or four over ten years, must be from the General Content category. Eighty percent (80%) of SAMs, or 16 over ten years, must be from the Clinical Content category. Timelines showing prorated requirements during MOC phase-in process can be found on the ABR website.

MOC Requirement Timelines

View/Edit Category 1 CME and Self Assessment Module (SAM) details

* Please note: Category 2 is no longer required.
SAMs Available

The following titles are currently available. This list will be updated as additional SAMs are qualified.

Individual SAM hyperlinks have been provided by the SAM sponsoring organization. If you have questions or concerns locating a specific offering, please contact the appropriate sponsoring organization.

- Noninterpretive Skills Content
- Clinical Content: Diagnostic
- Clinical Content: Subspecialty
<table>
<thead>
<tr>
<th>SAM Title</th>
<th>Society</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professionalism</td>
<td>ACR</td>
<td>11/13/07</td>
<td>07/30/10</td>
</tr>
<tr>
<td>MR Safe Practices</td>
<td>ARRS</td>
<td>09/01/07</td>
<td>05/16/13</td>
</tr>
<tr>
<td>Systems-Based Practice - Module 1</td>
<td>ACR</td>
<td>04/29/09</td>
<td>04/29/12</td>
</tr>
<tr>
<td>Utility of the FIESTA Pulse Sequence in body Oncology Imaging</td>
<td>ARRS</td>
<td>05/19/09</td>
<td>05/19/12</td>
</tr>
<tr>
<td>Evidence Based Learning: General Concepts and Applications</td>
<td>ARRS</td>
<td>05/01/09</td>
<td>04/30/12</td>
</tr>
<tr>
<td>PET Image Reconstruction</td>
<td>SNM</td>
<td>07/17/09</td>
<td>07/16/12</td>
</tr>
<tr>
<td>Systems-Based Practice - Module 2</td>
<td>ACR</td>
<td>11/26/09</td>
<td>10/28/12</td>
</tr>
<tr>
<td>Image Quality Process, Data Integrity, and Putting Display QC into Practice</td>
<td>SNM</td>
<td>07/17/09</td>
<td>07/16/12</td>
</tr>
<tr>
<td>Malpractice: Insurance and Reduction of Risk</td>
<td>OMP</td>
<td>04/01/10</td>
<td>01/24/13</td>
</tr>
<tr>
<td>Quality Improvement</td>
<td>ACR</td>
<td>04/01/10</td>
<td>03/17/13</td>
</tr>
<tr>
<td>Intravenous Contrast Extravasation</td>
<td>ACR</td>
<td>04/01/10</td>
<td>02/18/13</td>
</tr>
<tr>
<td>Communications</td>
<td>ACR</td>
<td>04/01/10</td>
<td>03/17/13</td>
</tr>
<tr>
<td>Cat</td>
<td>SAM Title</td>
<td>Society</td>
<td>Start Date</td>
</tr>
<tr>
<td>---------</td>
<td>---------------------------------------------------------------</td>
<td>---------</td>
<td>------------</td>
</tr>
<tr>
<td>Musculoskeletal (MSK)</td>
<td>Radiation of the Hands</td>
<td>ARRS</td>
<td>04/30/05</td>
</tr>
<tr>
<td>also Other</td>
<td>Optimizing Musculoskeletal MRI: 3 Tesla: High-Field Open and Orthopedic Hardware</td>
<td>ARRS</td>
<td>10/16/07</td>
</tr>
<tr>
<td>also Other</td>
<td>Low Back Pain: Clinical Diagnosis: Imaging and Spinal Interventions</td>
<td>ARRS</td>
<td>01/17/08</td>
</tr>
<tr>
<td>also Other</td>
<td>Imaging Evaluation of Foot and Ankle Pathology</td>
<td>ARRS</td>
<td>02/20/08</td>
</tr>
<tr>
<td>also Other</td>
<td>COP Module: Musculoskeletal Radiology 2015</td>
<td>ACR</td>
<td>12/01/08</td>
</tr>
<tr>
<td>also Other</td>
<td>Advanced Sports Imaging Part 1</td>
<td>SSR</td>
<td>03/01/09</td>
</tr>
<tr>
<td>also Other</td>
<td>Advanced Sports Imaging: Special Issues Pediatric and Women Athletes Part 2</td>
<td>SSR</td>
<td>03/01/09</td>
</tr>
<tr>
<td>also Other</td>
<td>Hip Imaging and Sports Hemia</td>
<td>ARRS</td>
<td>05/22/09</td>
</tr>
<tr>
<td>also Other</td>
<td>Imaging Characteristics of Diffuse Idiopathic Skeletal Hyperostoses With an Emphasis on Acute Spinal Fractures</td>
<td>ARRS</td>
<td>08/19/09</td>
</tr>
<tr>
<td>also Other</td>
<td>Imaging Spectrum of Site: Signs and their Complications</td>
<td>ARRS</td>
<td>08/19/09</td>
</tr>
<tr>
<td>also Other</td>
<td>Musculoskeletal Pitfalls in 18F-FDG PET/CT</td>
<td>ARRS</td>
<td>08/19/09</td>
</tr>
<tr>
<td>also Other</td>
<td>Musculoskeletal Tumor Imaging: Compartmental Anatomy, Surgery and Therapies</td>
<td>ARRS</td>
<td>08/17/09</td>
</tr>
<tr>
<td>also Other</td>
<td>Soft Tissue Tumors: Beyond Diagnoses</td>
<td>RSNA</td>
<td>09/01/09</td>
</tr>
<tr>
<td>also Other</td>
<td>Imaging Evaluation of Tendon Sheath Disease</td>
<td>ARRS</td>
<td>02/20/10</td>
</tr>
<tr>
<td>also Other</td>
<td>Congenital Spine and Spinal Cord Malformations</td>
<td>ARRS</td>
<td>02/19/10</td>
</tr>
<tr>
<td>also Other</td>
<td>Radiographic Evaluation of Scoliosis</td>
<td>ACR</td>
<td>02/19/10</td>
</tr>
<tr>
<td>also Other</td>
<td>CPR: Musculoskeletal Radiology 2010</td>
<td>ACR</td>
<td>06/21/10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cat</th>
<th>SAM Title</th>
<th>Society</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Musculoskeletal (MSK)</td>
<td>Pre-and Post-Operative Imaging of the Shoulder</td>
<td>RSNA</td>
<td>04/30/05</td>
<td>04/29/11</td>
</tr>
<tr>
<td>also US</td>
<td>Musculoskeletal MR</td>
<td>ACR</td>
<td>01/29/10</td>
<td>08/03/12</td>
</tr>
<tr>
<td>Gastrointestinal (GI)</td>
<td>Abdominal Imaging Review for the General Radiologist</td>
<td>UCSF</td>
<td>10/01/07</td>
<td>10/01/10</td>
</tr>
<tr>
<td>also GI</td>
<td>Small Bowel Imaging: Update</td>
<td>SGR</td>
<td>03/17/09</td>
<td>03/17/11</td>
</tr>
<tr>
<td>also GI</td>
<td>CT of the Acute Abdomen</td>
<td>SGR</td>
<td>03/19/09</td>
<td>03/19/11</td>
</tr>
<tr>
<td>also GI</td>
<td>Clinical Content - CT Colon</td>
<td>ACR</td>
<td>01/14/10</td>
<td>07/22/12</td>
</tr>
<tr>
<td>also GI</td>
<td>Body MR</td>
<td>ACR</td>
<td>01/22/10</td>
<td>09/09/12</td>
</tr>
<tr>
<td>Genitourinary (GU)</td>
<td>Abdominal Imaging Review for the General Radiologist</td>
<td>UCSF</td>
<td>10/01/07</td>
<td>10/01/10</td>
</tr>
<tr>
<td>also GI</td>
<td>Imaging of Colitis with MD-CT</td>
<td>UCSF</td>
<td>04/21/08</td>
<td>04/21/11</td>
</tr>
<tr>
<td>Neuroradiology (NRO)</td>
<td>Neoplastic Diseases in the Head and Neck</td>
<td>ASNR/ASHNR</td>
<td>06/02/08</td>
<td>06/02/11</td>
</tr>
<tr>
<td>also PED</td>
<td>Aging, Alzheimer and Dementia</td>
<td>ASNR/ASHNR</td>
<td>05/31/08</td>
<td>01/25/11</td>
</tr>
<tr>
<td>also PED</td>
<td>AVMs</td>
<td>ASNR/SNIS</td>
<td>06/04/08</td>
<td>06/04/11</td>
</tr>
<tr>
<td>also PED</td>
<td>Orbital Imaging</td>
<td>ASNR/ASHNR</td>
<td>06/24/08</td>
<td>01/25/11</td>
</tr>
<tr>
<td>also PED</td>
<td>Pediatric Epilepsy</td>
<td>ASNR/SNIS</td>
<td>06/03/08</td>
<td>06/03/11</td>
</tr>
<tr>
<td>also PED</td>
<td>Evaluating and Treating the Patient with Back Pain</td>
<td>ASNR/ASHNR</td>
<td>06/04/08</td>
<td>06/04/11</td>
</tr>
</tbody>
</table>
# Self-Assessment Modules (SAMs)

These peer-reviewed online self-assessment modules (SAMs) are based upon previously distributed, peer-reviewed materials in a variety of subspecialty content areas. All of these SAMs are "qualified by the American Board of Radiology in meeting the criteria for self-assessment toward the purpose of fulfilling requirements in the ABR Maintenance of Certification Program." In addition, all of these SAMs are available for AMA PRA Category 1 Credit™. SAMs are free to RSNA members. Non-members pay a $30 fee per SAM.

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
<th>Module</th>
<th>Topic</th>
<th>Module</th>
<th>Topic</th>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast</td>
<td></td>
<td>GU</td>
<td>Genitourinary Radiology</td>
<td>MR</td>
<td>Magnetic Resonance Imaging</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cardiac Radiology</td>
<td></td>
<td>Head and Neck</td>
<td>Nuclear Medicine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chest Radiology</td>
<td></td>
<td>Health Policy</td>
<td>Neuroradiology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CT</td>
<td></td>
<td>Informatics</td>
<td>Obstetrics/Gynecology Radiology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FR</td>
<td></td>
<td>Interventional Radiology</td>
<td>Oncologic Imaging</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GI</td>
<td></td>
<td>Interventional Radiology</td>
<td>Pediatric Radiology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General</td>
<td></td>
<td>Mammography</td>
<td>Physics and Basic Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BR</td>
<td></td>
<td>General</td>
<td>Professionalism</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QA</td>
<td></td>
<td>Professionalism</td>
<td>Quality Assurance/Quality Improvement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OA</td>
<td></td>
<td>Professionalism</td>
<td>Radiation Oncology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BS</td>
<td></td>
<td>Professionalism</td>
<td>Research and Statistical Methods</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS</td>
<td></td>
<td>Professionalism</td>
<td>Ultrasound</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS</td>
<td></td>
<td>Professionalism</td>
<td>Vascular</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VS</td>
<td></td>
<td>Professionalism</td>
<td>Vascular and/or Interventional Radiology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Breast | Top of Page

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAM03BBR01 - Self-Assessment Module: Breast MR Imaging and Artifacts (2009)</td>
<td>Brandt T. Richardson, MD; Brian T. Binkholder, RT; Hayede Ojeda-Fournier, MD; Jennifer A. Harvey, MD; Jennifer M. Coll, MD; K. Ann Choe, MD; Mary C. Mahoney, MD; Michael A. Cohen, MD; R. Edward Hendrick, PhD.</td>
</tr>
<tr>
<td>SAM03BBR02 - Self-Assessment Module: Imaging of the Nipple and Distal Ducts (2006)</td>
<td>Abraham Addis, MD, PhD; Darlene Co Costa, MD; Deborah Gerson, MD; Hiroshi Nobusawa, MD; Lisa E. Esserman, MD; Marina Luz, MD; Takaaki Horita, MD; Robert Popoli, Jr, MD; Taketoshi Okami, MD.</td>
</tr>
<tr>
<td>SAM03BBR03 - Self-Assessment Module: Breast Ducts and DDS PET (2006)</td>
<td>Almon T. Harris, MD; David A. Mankey, MD; PhD; Eric L. Rosen, MD; Hsiao Sang Rom, MD; Hoang Khanh, MD; Hyeson Lim, MD; Joo Kyu Kim, MD; Jin Gyun Park, MD; Jung Han Yoon, MD; Tao Woon Chung, MD; William B. Eubanks, MD; Woong Yoon, MD.</td>
</tr>
<tr>
<td>SAM03BBR04 - Self-Assessment Module: Invasive Lobular Carcinoma and Breast MR Imaging (2009)</td>
<td>Christine K. Kuhl, MD; January C. Lopez, MD; Lawrence W. Bassett, MD.</td>
</tr>
<tr>
<td>SAM03BBR05 - Self-Assessment Module: Findings of Breast Imaging: Diagnostic and Prognostic</td>
<td>Gorzani Santamarina, MD et al.</td>
</tr>
<tr>
<td>SAM01001001 - Self-Assessment Module: Breast Imaging in Children and Adolescents</td>
<td>Candela Gonzalez, MD; Ellen M. Chung, COL, MC, USA; Gregory J. Hall, LCIDR, MC, USN; J. Thomas Stocker, MD; Leonard M. Glassman, MD; Reginal Gove, CPT, MC, USA.</td>
</tr>
</tbody>
</table>
Lifelong Learning Center

ARRS and ACR are proud to offer a wide range of products and courses designed to meet your continuing education and maintenance of certification needs. Educational activities developed by ARRS and ACR can be trusted to offer information that has been rigorously reviewed and presented by leaders in the field and is timely and important to your practice. ARRS and ACR educational activities are offered in a variety of formats to accommodate the most demanding schedules.

ARRS and ACR Activities that Provide CME Credit

MEETINGS AND SYMPOSIA
ARRS Meetings and Symposia
ACR Meetings and Symposia

ONLINE LEARNING ACTIVITIES
ARRS Web Lectures and Other Online Learning Activities
ACR Web Lectures and Other Online Learning Activities
ARRS PQI Template
ARRS Comprehensive Case Review
ACR Case In Point
ACR RADIAT

JOURNAL-BASED CME ACTIVITIES
American Journal of Roentgenology CME Articles
AJR Integrative Imaging CME and SAM Articles
Journal of the American College of Radiology CME Articles

BOOKS AND SYLLABI
ARRS Categorical Course Syllabi and Other Books
ACR Professional Self Evaluation Syllabi
ACR Continuous Professional Improvement

Activities that Provide SAM Credit

ACR SAMs Online
ARRS Self-Assessment Modules (SAMs)
AJR Integrative Imaging SAM Articles
ACR Continuous Professional Improvement

Activities that Meet Part IV MOC Requirements

ARRS Chest Radiation Safety Template
ACR Activities that Meet Part IV MOC Requirements
Part I. Professional Standing

ABR requires diplomates to maintain active, current, valid and unrestricted licenses relevant to all locations of practice. As licensure requirements vary geographically, please refer to your local licensing agency for specific requirements.

Part II. Lifelong Learning and Self-Assessment

ABR Requirement: Lifelong Learning -- Category 1 CME

ABR requires diplomates to earn at least 250 hours of Category 1 CME credit over the 10-year accreditation cycle.

ASNR Online Resources for CME:

ASNR eCME
ASNR provides free online member access to more than 120 lectures totaling more than 300 hours of Category 1 CME credit. This course library is refreshed yearly with new presentations from the ASNR Annual Meeting.

ABR Requirement: Self-Assessment

ABR requires diplomates to complete 20 Self-Assessment Modules over the 10-year MOC cycle (a maximum credit of four SAMs can be earned in any given year).

ASNR Online SAM Resources:
ASNR members can access the following free ABR approved self-assessment modules by logging into ASNR eCME. New SAMs are added regularly.

View the available online Self-Assessment Modules here.

Part III. Cognitive Expertise

ABR Requirement:

The ABR requires completion of a computer-based examination within the last three years of the 10-year MOC cycle to demonstrate cognitive expertise.

ASNR Online Resources:

To assist neuroradiologists in preparing for the ABR cognitive exam, ASNR offers online review lectures via the ASNR eCME website, as well as at the ASNR Annual Meeting.

Part IV. Practice Quality Improvement

ABR Requirement:

The ABR requires diplomates to participate in a practice quality improvement (PQI). More details are provided in the ABR's diagnostic radiology requirements. During the first year of this requirement, diplomates are required to learn about PQI in preparation for selecting a PQI project to implement.

ASNR Online Resources:

View Dr. Smellie's lecture from the 2009 ASNR Annual Meeting, explaining the PQI process below:

ASNR has developed materials to support a neuroradiology PQI in the area of standardized nomenclature for MR of lumbar disk disease. Basic information on the PQI process, as well as a sample project are presented at http://www.asnr.org/pqi.

If you currently participate in a PQI efforts and would like to share your PQI concepts with ASNR members, please contact the ASNR at pqi@asnr.org.
Part III: Cognitive Expertise - Exam

• Taken in years 8 to 10 of the MOC cycle
• Proctored, computer-based exam
• Given at multiple sites, including society meetings
• Tailored to your self selected practice profile; declared when register for exam
Part III: Cognitive Expertise - Exam

• Modular:
  • 4 clinical modules in 1, 2, 3, or 4 categories (profiled)
  • 1 non-interpretive skills module (common)

• Profile clinical module categories:
  • MSK, cardiac, thoracic, GI, GU, Neuro, VIR, Nuclear, Ultrasound, Peds, Breast

• 80% practice-profiled clinical content
• 20% general content
  – Patient safety and life support
    • Including radiation protection, contrast reaction, MR safety, etc.
  – Professionalism/ethics
    • Including practice guidelines, consultation with referring physician, appropriateness, etc.
  – Quality
    • Including quality improvement principles, image quality, research methods, etc.
Part IV: Practice Quality Improvement

- Assess your practice
- Identify improvement opportunities
- Design project to evaluate performance
- Access project results
- Alter practice based on assessment
- Re-evaluate
- (PDCA = plan, do, check, act)
Why do we need Part IV: PQI?

- Huge variations in care at the local, regional and national levels
- Regional differences in cost/outcomes
- Lack of evidence-based practice
- Reduce errors, improve patient safety, and patient outcomes
Barriers to Participation

- Culture
- Autonomy: “I do what works for me.”
- Beliefs about personal practice quality
- Unfamiliarity with methodology
- Viewed as extra work
- Cost
- Insecurity
Barriers to Participation

• Having a lifetime certificate

• If you have a lifetime certificate and enroll in MOC and are concerned about failing the exam, don’t worry, you can take the exam several times in years 8-10 of the cycle, and your lifetime certificate does not go away
Diagnostic Radiology PQIs\textsuperscript{1}

- Accuracy of interpretation
- Report timeliness
- Practice guidelines & technical standards
- Patient safety
- Referring physician (peer) surveys

\textsuperscript{1}Based on:
Diversity of radiology practices
National healthcare priorities
Part IV: Practice Quality Improvement

Appropriate Management of Indeterminate Pulmonary Nodules Found on CT

• **Focus:** adherence to appropriate recommendations for follow-up of small, indeterminate pulmonary nodules detected on thoracic CT

• **Metric:** % of cases with appropriate follow-up recommendation out of all CTs with indeterminate nodules

• **Baseline:** measure

• **Intervention:** education (Fleischner Society guideline)

• **Follow up:** measure again
Part IV: Practice Quality Improvement

Chest CT Radiation Exposure Reduction PQI

• **Focus:** optimizing radiation exposure parameters
• **Metric:** mean exposure from PE CTs
• **Baseline:** measure
• **Intervention:** educational module to aid in reviewing & optimize protocols
• **Follow up:** measure again
• 20 CME credits & 1 SAM credit
Practice Quality Improvement Projects

The ABR’s Practice Quality Improvement (PQI) program addresses Part IV requirements of Maintenance of Certification (MOC). For Diagnostic Radiology, including Vascular and Interventional Radiology, five categories of PQI projects have been defined:

- Patient safety
- Accuracy of interpretation
- Report turnaround time
- Practice guidelines and technical standards
- Referring physician surveys

Each diagnostic radiologist decides on a project in one of these categories, working as an individual, within a department or a group, or associated with a national society.

The steps in the PQI project process are:

1. Learn about PQI process during year one
2. Select project and metrics
3. Collect baseline data
4. Analyze the data
5. Create improvement plan
6. Collect data, compare to initial data, summarize results

To assist you in this process, the RSNA Quality Improvement Committee formed a Work Group to create a number of PQI Projects that have since been qualified by the ABR. The following are the beginning of what we hope will be a growing library of projects and templates to help you meet the MOC Part IV requirement.

Appropriate Management of Indeterminate Pulmonary Nodules Found on CT
Primary Authors: Jeffrey P. Kanne, MD, Ella A. Kazerooni, MD, MS

Appropriateness of Ordering Head CT for Trauma Patients
Primary Authors: Lucy Glenn, MD, Craig Blackmore, MD

Catheter-Related Bloodstream Infection Reduction Program
Primary Authors: David M. Hovsepian, MD, Joseph R. Steele, Jr., MD

Communication of Significant Changes in Interpretation
Primary Authors: Janet Stife, MD, Marilyn Goske, MD, Ramin Khorasani, MD

Practice Quality Improvement Project for Lung CT
A Patient and Staff Training Program to Reduce Motion Artifacts
Practice Quality Improvement

All Diagnostic Radiology diplomates are REQUIRED to:
1) Attest yearly to participation in a quality improvement project
2) Accomplish each of the essential elements of PQI at least once by the end of the MOC cycle.

You can attest by answering the questions below. To update the current year attestation, click on the year you would like to update (located in the table on the left).

You are currently Partially Compliant

<table>
<thead>
<tr>
<th>PQI Essential Elements</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selected a PQI project</td>
<td>✔️</td>
</tr>
<tr>
<td>Made baseline measurements</td>
<td>✔️</td>
</tr>
<tr>
<td>Analyzed the root cause</td>
<td>✔️</td>
</tr>
<tr>
<td>Developed an action plan</td>
<td>✔️</td>
</tr>
<tr>
<td>Instituted the action plan</td>
<td>✔️</td>
</tr>
<tr>
<td>Made measurements</td>
<td>✔️</td>
</tr>
<tr>
<td>Completed a PQI project</td>
<td>✔️</td>
</tr>
</tbody>
</table>

You have completed your attestation for PQI for this year.
If you would like to update your attestation for this year, click on the year (to the left).

<table>
<thead>
<tr>
<th>Year</th>
<th>Attestation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>No activity</td>
</tr>
<tr>
<td>Year 2</td>
<td>No activity</td>
</tr>
<tr>
<td>Year 3</td>
<td>✔️</td>
</tr>
</tbody>
</table>
Affordable Care Act, Section 3002

• Requires an option for a physician or other eligible professional to provide CMS with data on quality measures through a Maintenance of Certification Program operated by an ABMS specialty body.

• Statute authorizes an additional incentive of 0.5 percent for 2011 – 2014, when requirements are met.
  – An individual billing Medicare $200,000 in one year would receive an additional $1000 for participation.
  – Individuals will not participate for a total of $2000 + $1000.
  – The significance is not the incentive but instead allowed participation.

• Beyond 2014, participation in MOC and successful completion of a MOC practice assessment may be incorporated into the “composite of measures” of quality furnished under the physician fee schedule value-based payment modifier.
Affordable Care Act, Section 3002

• Defines a “qualified MOC program practice assessment” as one that:
  – Includes an initial assessment of an eligible practitioners practice that is designed to demonstrate the use of evidence-based medicine
  – Includes a survey of patient experience with care
  – Requires implementation of a quality improvement intervention to address a practice weakness identified in the initial assessment and then to re-measure to assess performance after such intervention.
ACA, CMS & You

• ABMS successfully lobbied for additional reimbursement incentives for participation in ABMS MOC

• After opposing MOC incentives, CMS now proposes to regulate the incentives in the proposed rule for 2011

• ABR has an MOCP. For the .5% MOCP incentive radiologists must first meet PQRI requirements, then must meet MOC program requirements (?)

• Complete a qualified MOC program practice assessment more frequently than is required by the MOC program (?)
Institutional MOC Pilot

• ABMS & the Mayo Clinic
• Winter 2009-10 Working Group formed for organizational (institutional) recognition of MOC
  Part 4 MOC QI Activity
• Intent to expand this concept to include ABMS member boards and large groups/Institutions
Institutional Attributes To Enhance Institutional PQI Success

• Institutional content for support and implementation of quality initiatives
• Team/group participation
• When multiple specialists integrate their efforts on a project all can qualify for credit
• Projects may be retrospective or prospective
Physician Participation In Institutional MOC

- Must be enrolled in respective Board’s MOC program

- Must provide direct or consultative care to patients as part of the QI project or active participation in the process of care being addressed. Includes individuals actively supervising a trainee during QI project.

- Demonstrate active collaboration in QI project design and/or implementation, e.g. team meetings data analysis, implementation training, etc.

- Meet the minimum duration of participation criteria established by QI team lead.
What you need to get started

Step #1 - Create an ABR Personal Database ("PDB")

- www.theabr.org
- ABR ID# –
  - found on newer certificates
  - same as examiner # at oral boards
  - call the ABR office 520 790 2900 general #
    520 519 2152 ABR MOC services division
- Birthdate
- Last 4 digits of social security number
You are not logged in

ABR Personal Database
New User Registration

If this is your first time signing up to use the ABR Personal Database, please register. If you do not have your confirmation number, you can request confirmation number here.

If you are having problems registering, you can Contact Us.

ABR ID:
Your ABR ID # can be found on your certificate.

Birthdate:
(mm/dd/yyyy)

Confirmation Number:
Request Confirmation #

Create My Account

LOG IN  CONTACT US  ABR WEBSITE

Copyright © 2011 The American Board of Radiology All rights reserved.
About the ABR

Contact Us

The American Board of Radiology
5441 East Williams Boulevard
Suite 200
Tucson AZ 85711

Phone: (520) 790-2800
Fax: (520) 790-3200
ABR MOC Services Division: (520) 519-2152

Staff Directory

Questions? Comments? Suggestions?

Please complete the form below and click "Send"

Your Name:

Your Email:

Address:

Discipline: [Please select one -]

About: [Please select one -]

Subject:

Questions, Comments or Suggestions

[Send]
PDB: Personal Database

You are not logged in

Request Confirmation Number

Your confirmation number will be emailed to you. Please check your spam folder or allow emails from the "theabr.org" domain to ensure your email gets to you quickly.

Return to the ABR Personal Database login page

Email Address: 

ABR ID#: 
Your ABR ID # can be found on your certificate.

Birthdate: (mm/dd/yyyy)

Last 4 digits of your Social Security Number:

Submit

LOG IN  CONTACT US  ABR WEBSITE

Copyright © 2011 The American Board of Radiology All rights reserved.
You are not logged in

ABR Personal Database

**New Users**
If this is your first time signing up to use the ABR Personal Database, please register.

- New User Registration

**Program Faculty**
If you are a program faculty member (Program director or program coordinator) and this is your first time signing up to use the ABR Personal Database, please register by clicking the button below.

- Program Faculty Registration

**Return Users**
Please sign in to access your account

- Login ID
- ABR ID or email address
- Password

Forgot your password?

- Remember me

Sign In

Copyright © 2010 The American Board of Radiology All rights reserved.

http://www.abronline.org/asp/Login
...and your MOC journey begins...or continues...
Maintenance of Certification for the Radiologist

“MOC 101”

Ella A. Kazerooni, M.D.
ABR Trustee – Cardiopulmonary Radiology
Professor & Associate Chair for Clinical Affairs,
Director of Cardiothoracic Radiology, University of Michigan