

Go to the ABR Website and login to the MOC Personal Database

The screenshot shows the Mozilla Firefox browser window displaying the ABR website. The address bar contains the URL <http://www.theabr.org/>. The website header includes the ABR logo and navigation links: Home, Fees, Exam Dates & Locations, News, and Contact Us. A login form is present with the following fields and buttons:

- MOC PDB Login ID:
- Password:
-
-

The main content area features a welcome message: "Welcome to the American Board of Radiology web site" and a paragraph describing the ABR's mission. Below this, there are sections for "ABR News and Updates" and "Updates". A sidebar on the left lists various categories such as "ABOUT THE ABR", "INITIAL CERTIFICATION", and "MAINTENANCE OF CERTIFICATION (MOC)". A "QUICK LINKS" section on the right provides shortcuts to various services like Forms, Verification FAQs, and MOC Personal Data Base. A search bar at the bottom right is labeled "SEARCH THE ABR".

You will see the Welcome screen. Click on “Lifelong Learning and Self Assessment.”

The screenshot shows a Mozilla Firefox browser window displaying the ABR Personal Data Base website. The browser's address bar shows the URL <https://www.abronline.org/MOC/RP/home.cfm>. The website header includes the ABR logo (The American Board of Radiology) and the text "Personal Data Base". A navigation menu contains links for "MOC Home", "MOC Access", "ABR Status", "Certs & History", "Payments", and "Options/Help". The user's name, "Mr. Timothy David Solberg (ABR ID P1823)", is displayed at the top right, along with a "Logout" button.

The main content area features a welcome message: "Welcome back Mr. Timothy David Solberg !" followed by "You last signed in on Aug 12 2008 7:06AM". Below this, several status updates are provided:

- MOC Enrollment:** You are currently enrolled in: MOC in Therapeutic Radiologic Physics .
- Licenses:** Your TX state license expires on 5/31/2009.
- Payments:** Your current balance due is \$0.00.
- MOC Status:** Your MOC Cycle in Therapeutic Radiologic Physics will complete in 2017.

The MOC cycle is broken down into four parts:

- Part 1: [Professional Standing](#)
- Part 2: [Lifelong Learning & Self Assessment](#) (highlighted with an orange box) [100.75 Category 1 Credits](#)
[15 SDEP Credits](#)
[8 SAMs](#)
- Part 3: [Cognitive Expertise](#) Exams to be available starting in 2010.
- Part 4: [Practice Quality Improvement](#)

A "News" section contains an important announcement: "IMPORTANT! BE SURE TO SEE YOUR 2008 RADIOLOGIC PHYSICS ABR-MOC ANNUAL UPDATE. Please follow this link, [2008 ABR Radiologic Physics MOC Annual Update](#), to view your 2008 ABR Radiologic Physics MOC Annual Update. This update contains important information regarding the ABR MOC program."

At the bottom of the page, there is a link: [Having a problem with the website?](#)

The footer contains several links: [TERMS OF USE](#), [MOC AGREEMENT](#), [LATE FEE POLICY](#), [CONTACT US](#), and [ABR WEB SITE](#). The browser's status bar at the bottom shows "Done" and the website URL www.abronline.org.

Click on "Report your Lifelong Learning and Self Assessment Credits" to review and update any CME, SDEPs, or SAMs. Click on "SDEP Examples" to see the required content for SDEPs as well as a number of examples.

ABR Personal Data Base - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://www.abronline.org/MOC/RP/advanced/lifelong.cfm

Most Visited Customize Links Free Hotmail Windows Marketplace Windows Media Windows

ABR The American Board of Radiology
www.abronline.org

Personal Data Base

MOC Home MOC Access ABR Status Certs & History Payments Options/Help

Mr. Timothy David Solberg (ABR ID P1823) Logout

Lifelong Learning & Self Assessment

There have been several changes in the reporting of your credits for MOC.
[Click here for details.](#)

[Report your Lifelong Learning & Self Assessment credits](#)

Each diplomate of Radiologic Physics is expected to engage in lifelong learning.

1. Lifelong Learning:

Diplomates should begin to attain approved continuing education (CE) credits (category 1 equivalent) in 2006. CE credits are awarded for educational functions approved by the Commission on Accreditation of Medical Physics Education Programs (CAMPEP) or other recognized accrediting organizations (ACCME).

A minimum of two hundred and fifty (250) continuing education (CE) credits are required over the 10 year cycle. This is an average of 25 credits per year, starting in 2006 (please refer to [Radiologic Physics Timelines and Fees](#) for clarification if your MOC cycle started prior to 2006). A maximum of 50 CE credits may be claimed in any calendar year.

The CE credit requirement may be satisfied by taking Category 1 credits (CAMPEP, ACCME), or by taking a combination of Category 1 credits and self-directed educational projects (SDEPs). A maximum of one SDEP may be recorded yearly (not exceeding 15 of the required CE credits per year).

SDEPs: Fifteen (15) CE credits are given for each completed SDEP. Samples are provided under [SDEP Examples](#). The approach to each project is prospective and must be defined in advance. The components of the SDEP include:

- o Significance: A statement of the educational need
- o Approaches/Resources to be utilized: A list of activities designated to address the need
- o Evaluation: Documentation of achievement
- o Impact on Practice: Outcome statement

Self-assessment:

Self-assessment is accomplished through a series of Self-Assessment Modules (SAMs). Twenty (20) SAMs are required for completion over the ten-year cycle. This is an average of two per year starting in 2007. In any calendar year, a maximum of 4 SAM credits may be claimed. The SAMs carry Category 1 CME credit, as well as SAM credit. For MOC cycles starting before 2006, [please click here](#) to view the prorated requirements.

The SAMs carry both SAM credit and Category 1 CE credit. Category 1 credits obtained for the SAMs

Done www.abronline.org

There you will be able to Edit your CME, SDEPs and SAMs. CME can be automatically transferred from CAMPEP, ACR, RSNA and other organizations (AAPM, ACMP, and ASTRO CME come through CAMPEP). This requires a separate registration with CME Gateway. In the event of an audit, CME that are transferred through CME Gateway are considered verified. Non-verified CME, as well as SAMs and SDEPs, require documentation in the event of an audit.

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https://www.abronline.org/MOC/RP/advanced/attestedll.cfm

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Mr. Timothy David Solberg (ABR ID P1823) [Logout](#)

Lifelong Learning CME & Self Assessment Modules (SAMs)

Official CME/SAM Attestation (Required)
Record your official Category 1, SDEP, & SAM count here.

Year Credited (YYYY)	Category 1 Credits	SDEP Credits (1 Project=15 Credits)	SAM Credits	
2008	10	15	3	Edit
2007	48.25	0	4	Edit
2006	42.5	0	1	Edit

*All CME credits (Category 1 & SDEP) before Dec 17, 2006 and SAM credits before Dec 17, 2006 cannot be applied to your MOC Cycle. Please ensure your total credits attested for those years does not include credits earned prior to those dates.

CME/SAM personal tools (Optional)
This area is for your personal records and is not reported to The ABR.

ASTRO <i>Authenticated Credits</i>	CME Gateway <i>Authenticated Credits</i>	Credits I've Accumulated <i>Self-Entered (Not Authenticated)</i>
Coming Soon!	Sign up today! www.CMEGateway.org	2008
We're working hand in hand with ASTRO to allow you to pull your data directly over into your Personal Database (PDB) for display. Check back soon for updates.	The CME Gateway offers an easy one time setup that allows you to automatically have your CME credits electronically transmitted from your registered organizations, including ARRS, RSNA, CAMPEP, and more! In the event of an audit, all credits pulled through the CME Gateway are	2007
		2006
		Previous Years

Done www.abronline.org

Clicking on "Certs & History" will show current and required totals.

ABR Personal Data Base - Mozilla Firefox
 File Edit View History Bookmarks Tools Help
 https://www.abronline.org/MOC/RP/timeline.cfm
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MOC Home MOC Access ABR Status **Certs & History** Payments Options/Help

Mr. Timothy David Solberg (ABR ID P1823) **Logout**

Your ABR Certification Status

The American Board of Radiology Certifications	
Certificate	Expiration Year
Therapeutic Radiologic Physics	Lifetime

Active State Licenses	
<input type="button" value="Update Licensure"/>	
State	Expiration Date
TX	5/31/2009

Current MOC Enrollments:
 MOC in Therapeutic Radiologic Physics

Legend: Past (blue), Present (yellow), Future (Projected) (tan)

Requirements for MOC in Therapeutic Radiologic Physics													
Calendar Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Summary
Category 1 Credits (CAMPEP/Other)	42.5	48.25	10										100.75
SDEP Credits	0	0	15										15
Total Credits	42.5	48.25	25										115.75/250
SAM Total	1	4	3										8 /20
Cognitive Exam										Exam Available			0/1 Passed
Cycle Year	0	0	1	2	3	4	5	6	7	8	9	10	

Done www.abronline.org

The Lifelong Learning and Self Assessment page has a nice description of what is required of SDEPs, as well as several examples.

The screenshot shows a Mozilla Firefox browser window displaying the ABR website. The address bar shows the URL: http://www.theabr.org/RP_SDEP_intro.htm. The page features the ABR logo and navigation tabs for Home, Fees, Exam Dates & Locations, News, and Contact Us. The main content area is titled "Radiologic Physics" and contains the following information:

MAINTENANCE OF CERTIFICATION (MOC)
Radiologic Physics

Requirements
PQI Projects
SAMs Available
SDEP Samples
Timelines & Fees
Exam Dates & Locations
ABMP Info
Enrollment Form for Lifetime Cert. holders
FAQs (MOC)

QUICK LINKS

Forms
Verification FAQs
Fees, Exam Dates & Locations
Change of Address
MOC Personal Data Base
Forgot Password?
MOC Practice Quality Improvement (PQI)
Pearson VUE
Registration
SAM, PQI & Summit Info

Radiologic Physics

The Self-Directed Education Project (SDEP)

Self-directed educational projects (SDEPs) may be utilized as an optional means for fulfilling some of the CE credit requirements for radiological physicists. Fifteen credits will be awarded per project.

For SDEPs, the candidate must identify areas in which professional improvement and/or educational augmentation is needed or would be of value. The approach to each project is prospective and must be defined in advance. The components of the SDEP include:

- Significance—a statement of the educational need
- Approach—a list of activities designated to address the need
- Evaluation of Achievement—with an initial (prospective) statement and a final (summary) statement at the time of completion
- Impact on Practice/Outcome Statement—with an initial (prospective) statement and a final (summary) statement at the time of completion

A variety of activities may be accommodated as SDEPs, including (but not limited to):

- research projects
- publication of original research
- new lecture development
- regulatory issue review
- educational topics
- technology updates
- new protocol implementation

In all cases, the 4-component prospective format must be followed. Provided via the links below are nine (9) example SDEPs (3 in each of the radiologic physics disciplines) representing a subset of the wide range of possible topics that might be chosen. Diplomates are encouraged to review all of them in order to more fully appreciate the diversity of categories available.

Click on the links below to see examples of SDEPs in each of these areas. It is beneficial to study the examples in all three areas, regardless of your particular discipline.

[Diagnostic Radiologic Physics](#)
 [Medical Nuclear Physics](#)
 [Therapeutic Radiologic Physic](#)

[Contact Us](#)

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One of the online SDEP examples:

The screenshot shows a Mozilla Firefox browser window displaying the ABR website. The address bar shows the URL http://www.theabr.org/RP_SDEP_TRP.htm. The page header includes the ABR logo and navigation links for Home, Fees, Exam Dates & Locations, News, and Contact Us. The main content area is titled "Radiologic Physics" and features a section for "Therapeutic Radiologic Physics SDEP Examples".

Therapeutic Radiologic Physics SDEP Examples

SDEP Example 1 Therapeutic Radiologic Physics

Title: Develop a lecture on CT/PET in radiation oncology for medical residents

Category: Education

Date Initiated:

Date Completed:

A. Significance:
Physicists are responsible for radiation physics training of medical students, residents and allied health personnel. In this case, a specific lecture on the use of CT/PET in radiation oncology will be developed as an educational tool.

B. Approach:
A one-hour lecture will be prepared utilizing appropriate task group reports and reference data to be delivered to medical residents in radiation oncology. It will be developed at the appropriate level using appropriate references. A PowerPoint presentation will be made to cover my objectives for the self-education project:

- Familiarize myself with PET/CT
 - Discuss the basics of PET, CT and PET/CT scanners
 - Discuss the purpose of PET/CT in oncology
 - Address limitations
- Observe the clinical use of PET/CT
- Conduct an experiment for measuring the resolution in a PET scanner
 - Build a phantom for measuring the resolution of hot sources on a cold background
 - Use 18F-FDG to measure the resolution of the GE Advance Pet Scanner in the department

C. Evaluation of Achievement:

1. Prospective Statement (Provided at the date SDEP initiated):
Upon completion of the project, a PowerPoint lecture will be created for radiation oncology residents on CT/PET use in radiation oncology. The lecture will be delivered to the residents in the department and their evaluation will be compiled to assess the success of the project.

2. Final Statement (Provided at the date SDEP completed):
The project has resulted in creation of an educational lecture on PET/CT. A slide presentation is available for use by members of the department. Specific learning objectives have been documented. Evaluation by the residents following the presentation showed a favorable response regarding fulfillment of the learning objectives and furthering their understanding of PET/CT technology and its clinical utility.

D. Impact on Practice/Outcome Statement:

1. Prospective Statement (Provided at the date SDEP initiated):
Medical imaging is an essential tool in radiation therapy. Computed tomography (CT) and positron emission tomography (PET) are image modalities that have been used in diagnosis and staging of diseases and in monitoring the effects of therapy. The high-resolution anatomical imaging ability of CT and the accurate localization of functional abnormalities with PET provide valuable information for patient management. The biological information from a PET/CT image can aid oncologists in assessing tumor hypoxia and potential doubling time.

2. Final Statement (Provided at the date SDEP is completed):
The implementation of the SDEP on CT/PET has benefited the institution in achieving a full understanding of the consequences of implementing the modality. It has aided in the understanding of the advantages of multimodality imaging application in radiation oncology. It provides detailed step-by-step process implementation tools.