

AAPM Resources for Continuing Education -

Increasing Effectiveness of On-Line Learning Services for the Future

Jeff Limmer, Chair - On Line CE SC 2010-

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Outline

- Importance
- Recent Developments
- Moving Forward

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SC Purpose

- Provide various Continuing Education (CE), Self Assessment Modules (SAMs), and other online educational/learning opportunities to the AAPM membership and others, as permitted by AAPM, via the association website and/or digital products.

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2010 Goals

- Enhance the conduit and content
 - Assess present state of the program
 - Initiate immediate action to address “easy fixes”
 - Identify and support on-going program improvement

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Importance

- Provides remote means of attaining CE credits and SAMs
- Provide repository and access to relevant documents and multi-media presentations
- Support the membership in their Maintenance of Certification (MOC) and general, on-going educational needs

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The screenshot shows the AAPM website home page. The header includes the AAPM logo and the text 'The American Association of Physicians in Medicine'. A banner at the top right says 'Philly, when? 2010!'. The main content area is titled 'Hello Mr. Limmer...' and contains several news items, including 'AAPM Annual Meeting in Philadelphia, PA', 'AAPM Events that pertain to YOU...', and 'What's New' with various articles like 'NPSF Patient Safety Research Grants: Call for Letters of Intent' and 'NEWS RELEASE: Preliminary Highlights of the American Association of Physicians in Medicine (AAPM) 52nd Annual Meeting'. The right sidebar features a 'DONATE!' button, 'AAPM RSS' information, and a 'Current Issues' section. A red arrow points to the 'On-Line Learning Center' link in the sidebar.

The screenshot shows the 'Education' page on the AAPM website. The main heading is 'On-Line Continuing Education'. Below it is a 'Message from the Chair' by Jeffrey P. Limmer, Chair of the On-Line Continuing Education subcommittee. The page also features 'Recent Quizzes in Continuing Education' with a list of quizzes including '7/12/2010: Recent Activities of CAEPs' and '6/24/2010: Dose study of CBCT systems'. A section titled 'MEDICAL PHYSICS CONTINUING EDUCATION CREDIT (MPEC)' provides details on how members can earn MPEC credits through various activities like journal articles, presentations, and quizzes. It also includes instructions on how to successfully earn the credit and how to access the available SAM offerings.

The screenshot shows the 'MOC OFFERING' page on the AAPM website. The main heading is 'MAINTENANCE OF CERTIFICATION - SELF ASSESSMENT MODULES'. The page contains information about the 'SAM OFFERINGS' and 'Access the available SAM offerings'. It details the requirements for members to earn MOC credits, including the need to complete a SAM and pass a quiz. The page also includes a section for 'Access the available SAM offerings' with a link to the SAM offerings page.

Education

Virtual Library

Welcome to the AAPM Virtual Library. Presentations posted in the Virtual Library include:

- streaming video and/or audio of the speakers
- transcription of the audio presentations
- slides of the presentations

Join the hundreds of other AAPM members who are using the AAPM Virtual Library for their continuing education, research, and information needs.

Now Available Meetings Physicians of Note Items of Interest Educators Day Vendor Presentations

VIRTUAL LIBRARY PRESENTATIONS

NOW AVAILABLE

- 51st Annual Meeting - Anaheim, CA - 2009
- AAPM Summer School - Colorado College, Colorado Springs, CO - 2009
Clinical Dosimetry Measurements in Radiotherapy
- AAPM Training at CSCFD - Brachytherapy
Presented at the CSCFD Annual Meeting - Newport, RI 2010
- Physicists of Note Interviews - Anaheim, CA - 2009
- Xoft, Inc. - AAPM Corporate Affiliate
as presented during the 2009 AAPM Annual Meeting
- Landauer, Inc. - AAPM Corporate Affiliate
as presented during the 2009 AAPM Annual Meeting

In addition to the online presentations, DVD/CD ROMs are available

Select the category of interest to view bookable quizzes:

QUIZ CATEGORIES	NUMBER OF QUIZZES
None/None	22
Diagnostic Radiology/None	6
Diagnostic Radiology/Ultrasound	12
Diagnostic Radiology/Cardiovascular	11
Diagnostic Radiology/Computed Tomography	6
Diagnostic Radiology/Digital Radiography	24
Diagnostic Radiology/Magnetic Resonance	17
Diagnostic Radiology/Fluoroscopy	10
Diagnostic Radiology/PACS	1
Diagnostic Radiology/Radiography	1
Diagnostic Radiology/Radiation Protection	4
Nuclear Medicine/Radiation Protection	5
Nuclear Medicine/None	12
PACS/None	9
PACS/Diagnostic	2
PACS/Imaging	1
Radiation Protection/Radiation Protection	13
Radiation Protection/Radiography	4
Radiation Protection/Brachytherapy	5
Radiotherapy/None	60
Radiotherapy/Imaging	1
Radiotherapy/Imaging-guided	5
Radiotherapy/Intensity-modulated Radiotherapy	16
Radiotherapy/Radiation Protection	19
Radiotherapy/None/atomic	7
Radiotherapy/Brachytherapy	18
Radiotherapy/Dosimetry	1
General Medical Physics/None	7
General Medical Physics/Regulatory/Accreditation	1

■ Current Quiz Offerings: 225

The American Association of Physicists in Medicine

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William Jeffrey (Logout) Search: [] Go

Virtual Library: AAPM CT Dose >> 2010

- AAPM Annual Meetings
- AAPM Summer Schools
- AAPM History Interviews
- AAPM Educators Day
- AAPM CSCFD Conferences
- AAPM Corporate Affiliates
- AAPM Workshop
- AAPM CT Dose

2010

10 - CT DOSE - Welcome and Introduction
Presented by: William Hendee R., PhD, Medical College of Wisconsin Whitefish Bay, WI
Email: whendee@mcw.edu
New Presentation (0%)

10 - CT DOSE - CT Imaging - The Benefits are Worth the Responsibilities
Presented by: James Brink, MD, Yale University New Haven, CT
Email: james.brink@yale.edu
New Presentation (0%)

10 - CT DOSE - Scan Acquisition Settings - Trade Offs Between Speed, Resolution and Dose
Presented by: James M. Kiefer Jr., PhD, Mayo Clinic Rochester, MN
Email: jkiefer@mayo.edu
New Presentation (0%)

10 - CT DOSE - Teaching Cases I: Collimation vs. Slice Width, Conical Quality, Dose and Scan Time
Presented by: Michael P. Munsie Gray, PhD, UCLA School of Medicine Los Angeles, CA
Email: mmunsiegray@mednet.ucla.edu
New Presentation (0%)

Recent Developments

- Reviewing and changing functionality and accessibility
- Addition of the Virtual Library responsibilities to this SC
- Recruit active membership
- Revamping the quiz writing and web interface
- Develop quiz-writer instruction documents

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Recent Developments

- Sunset and / or “revamping” of outdated quizzes (some where quite old)
- Incomplete quizzes removed from queue
- All pending quiz items reconciled
- Changed the OLCE categories and sub-categories to match the CAMPEP categories (easier for organizing and requesting CEs)

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Recent Developments

- Added CE quizzes from the ACMP’s journal JACMP (in addition to the Medical Physics journal)
- Change the process so that quiz writing invitations are given **prior** to the annual meeting and summer school rather than after the event
 - Decrease the time between the event and the posting of the quizzes for the event. (see summary)

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Recent Developments

- Current projects (Virtual Library and SAMs/CE):
 - 2010 annual meeting
 - 2010 summer school
 - “Safety in Radiation Therapy – A Call to Action”
<http://www.aapm.org/meetings/2010SRT/>
 - "CT Dose Summit: Scan Parameter Optimization"
<http://www.aapm.org/meetings/2010CTS/>

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2010 Special Event Quiz Writing Invitation Schedule

CT Dose Summit

Send invitations 6/21
Send Reminders 7/1
Quiz set due by 7/9

Annual Meeting

Send Invitation 6/24
Send Reminders 7/5
Quiz set due by 7/12

Safety In Radiation

Send invitations 6/21
Send Reminders 7/1
Quiz set due by 7/9

Summer School

Send invitations 6/28
Send Reminders 7/9
Quiz set due by 7/16

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Recent Developments

- The speaker quiz-consent revised : quiz writers will be assigned if a speaker does not provide, or decline to provide a quiz
- Build a quiz-writing work group and provide training
- Construction and submission of a proposed SC Charge (this did not exist).
- Continue to work on the process (e.g. quiz writing/publication); efficiency and improvements

Moving Forward

- Recommend a name change to be more global and descriptive (On-line Learning Services SC or similar) the SC provides CEs, SAMs, virtual library, host Special Ed. Events, etc.
- Add functionality allowing quiz writers to upload images and equations to specific questions and/or answers.

Moving Forward

- Finds a way to efficiently work with Councils and Committees who put on “special educational events”
 - Determine on-line education needs in connection with these events; incorporating this into the budget
 - Explore avenues which would allow the SC to be nimble enough to provide video capture and CE support unexpected events

Moving Forward

- Explore offering new educational opportunities, e.g. Webinars (with credits), more video learning modules, etc.
- Working with entities within AAPM and other Societies’ (e.g. potentially ASTRO and RSNA) Education Committees for possible, joint, electronic educational opportunities

Moving Forward

- Review the structure of pricing for programs in 2011. (Varying effort levels)
 - Task Group reports and Periodicals, Special Events, Virtual Meetings, Pay-per view, etc.
 - Residents (and students) discounted or free access to on-line educational opportunities.

Moving Forward

- New look to the Online learning Center website, continuing to make improvement and “unify” the virtual library page with the online educational opportunities

Moving Forward

- Determine and support specific needs for respective categories (e.g. MQSA/ACR accreditation: US, Mammography, MRI, Nuclear Medicine, PET, Stereotactic Breast Biopsy, and CT, as well as MOC-related, etc.)
- Create a more “personal” functionality when a member logs into the Online Learning Center

Moving Forward

- Add ACMP annual meeting to the ongoing CE/SAMs offerings going forward
- Possibly add educational modules for residents and those studying for board exams (initial and MOC renewals)

Moving Forward

- Explore education credits for vendor training / presentations on the website
- Explore ways to make the quizzes more interactive
- Others we have not thought of yet... Let me know if you have ideas for improvement.