ABR 2014: TRAINED FOR COMPETENCE

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AAPM Annual Meeting
July 30, 2012

ABR MISSION

“To serve patients, the public, and the medical profession. . .”

“. . .by certifying that its diplomates have acquired, demonstrated, and maintained a requisite standard of knowledge, skill, and understanding. . .”

New ABR Endeavors To Assist Diplomates

- The ABR must demonstrate accountability to its diplomates.
  - Without them the ABR cannot implement its mission.
- Relevance of ABMS/ABR certification must be demonstrated to the public, payers, and the government.
- Medicine is experiencing a fusion of economics, quality, safety, and reimbursement
  - Organizations must work together to effectively project and promote our specialty for the benefit of our patients.
### Age of Transparency and Accountability

As announced in 2002:

- The candidate must be enrolled in or have graduated from a CAMPEP-accredited medical physics program.
- Candidates who apply in 2012 to take the Part 1 examination in 2013 must meet this requirement.
- Program must be accredited at, or soon after, graduation.

### The ABR 2012 Requirements

#### Registration Form

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office</td>
<td>to receive complete applications only</td>
</tr>
<tr>
<td>Standard application period:</td>
<td><strong>July 1 – October 31, 2012</strong></td>
</tr>
<tr>
<td>Notification of receipt/denial of registration:</td>
<td>November 30</td>
</tr>
<tr>
<td>First notification of eligibility:</td>
<td>Feb 28, 2013</td>
</tr>
<tr>
<td>Final notification:</td>
<td>April 30, 2013</td>
</tr>
</tbody>
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2. CAMPEP Accredited Graduate Program Information - Complete this section only if you are enrolled in or have graduated from a CAMPEP-accredited program.

<table>
<thead>
<tr>
<th>Option</th>
<th>Information</th>
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</thead>
<tbody>
<tr>
<td>-</td>
<td>Currently enrolled in</td>
</tr>
<tr>
<td>-</td>
<td>Graduated from</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Program Director Name</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Telephone</td>
<td></td>
</tr>
<tr>
<td>Email address</td>
<td></td>
</tr>
</tbody>
</table>

Note: The ABR will contact the program director for verification of status.

3. CAMPEP Accredited Medical Physics Residency Program Information

<table>
<thead>
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</thead>
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<tr>
<td>-</td>
<td>Completed</td>
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<td></td>
</tr>
</tbody>
</table>

Note: The ABR will contact the program director for verification of status.
AUDIT POSSIBILITY

A portion of all new registrations will be audited to confirm that:

- Graduate students satisfy requirement for undergraduate physics background
- Residents satisfy requirement for medical physics coursework

WRITTEN EXAM PART 1

- Written Exam
- Administered at Pearson VUE
- General and Clinical
- Must pass within 5 years of admission

WRITTEN EXAMS

75 Type A questions (multiple choice, one correct answer)

- 50 Simple (limited calculations)
- 25 Complex (calculator often required)
  - Computer-based
  - Pearson VUE
  - Requires MS Windows calculator

EXPERIENCE

You are currently working in a clinical medical physics environment under the supervision of a certified medical physicist.

Satisfied if enrolled in a CAMPEP-accredited program

Volunteer position may be accepted if formal structure
**WRITTEN EXAM**

**PART 2**

- Education - must have completed graduate degree
- Cannot be taken until passed Part 1 (2010)
- Experience - 36 mo.

**EXPERIENCE - PART 2**

You must have had at least 3 years (36 months) of full-time equivalent clinical experience in ... an approved department or practice in the area(s) in which certification is sought under the supervision of a certified medical physicist.

This requirement must be satisfied by June 30 of the year in which the Part 2 exam is to be taken.

*A 24-month CAMPEP-accredited residency program satisfies this requirement*

**EXPERIENCE**

- Clinical component of educational program:
  - MS ≤ 6 months, PhD ≤ 12 months
  - Postgraduate internship or residency
  - Postdoctoral research with clinical component
  - Postgraduate employment

**SUPERVISION**

The certified medical physicist designated as the supervisor of clinical training must interact with the candidate (trainee) on a regular basis.

*For NRC recognition* (AMP or RSO) ≥ 24 months experience under supervision of an ABR certified radiologic physicist
“BOARD ELIGIBLE”

- ABR now recognizes the term “board eligible”
- Physicist candidate is “board eligible” after:
  - Passing Part 1, and
  - Being admitted to take Part 2 exam or completing residency (whichever occurs first)
- Permitted 6 years to pass Parts 2 & 3

WHAT HAPPENS IN 2014?

- The candidate must be enrolled in or have graduated from a CAMPEP-accredited residency program
- As determined by AAPM in ~2006, originally intended to go into effect in 2012
- Candidates applying in 2013 for Part 1 examination in 2014 must meet this requirement

REQUIREMENTS FOR ORAL EXAM

- Must have passed Parts 1 and 2
- Must travel to Louisville
- [May be a different location in future]

ORAL EXAM

5 Examiners

5 Areas

- Radiation Protection & Safety
- Patient Related Measurements
- Image Acquisition, Processing, & Display
- Calibration, Quality Control, & Quality Assurance
- Equipment
**ORAL EXAM**

- 3 Committees
  - Computer based
  - Executive West Crowne Plaza,
  - Given in examiner’s room
  - Role of examiner

**PASSING RATES: WRITTEN EXAMS**

**CANDIDATES: ORAL EXAMS**

**CANDIDATES: WRITTEN EXAMS**
PASSING RATES:
ORAL EXAMS

To be discussed in the next session!