The changing US healthcare delivery system – potential impact on medical physics

2014 AAPM Professional Council Symposium

Outline

• Per Halvorsen – Brief introduction
• Dr. Shine – Macro changes in the US healthcare delivery system – precedents in the physician profession
• Jerry White – How the medical physics profession may be impacted
• Q&A

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RadOnc facilities in the US

2,338 total RadOnc facilities

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Imaging Centers in the US

Quality & Safety

Allocation of federal $$

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Total Impact (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 - Family Practice</td>
<td>7%</td>
</tr>
<tr>
<td>34 - Geriatrics</td>
<td>5%</td>
</tr>
<tr>
<td>35 - Internal Medicine</td>
<td>-15%</td>
</tr>
<tr>
<td>36 - Radiology</td>
<td>-6%</td>
</tr>
<tr>
<td>37 - Radiation Oncology</td>
<td>-8%</td>
</tr>
<tr>
<td>38 - Radiation Therapy Centers</td>
<td>-10%</td>
</tr>
</tbody>
</table>
Bundling

COMPREHENSIVE APCs

In the 2014 HCPCS final rule, CMS finalized a comprehensive payment policy, effective January 1, 2015, that bundles or "packages" payment for the most costly medical device implantation procedures under the HCPCS at the claim level. CMS defined a comprehensive APC (c-APC) as a classification for the provision of a primary service and all adjunctive services provided to support the delivery of the primary service. Under this policy, CMS designated each service described by a HCPCS code assigned to a comprehensive APC as the primary service and, with few exceptions, considered all other services reported on a hospital Medicare Part B claim in combination with the primary service to be related to the delivery of the primary service. Under this policy, CMS calculates a single payment for the entire hospital stay, defined by a single claim, regardless of the date of service span.

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Market consolidation

Merger with Partners HealthCare

July 16, 2014: Update on our plans to join Partners HealthCare and a Roadmap

The regulatory review process surrounding our plans to join Partners HealthCare is underway. In today's meeting, we will review the key milestones and the regulatory timeline.

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Delegation

MARYLAND BOARD OF PHYSICIANS
P.O. Box 37217
Baltimore, MD 21203
www.mbp.state.md.us

PHYSICIAN ASSISTANT/PRIMARY SUPERVISING PHYSICIAN DELEGATION AGREEMENT FOR CORE DUTIES

All PAs must file a delegation agreement with the Board.

Dear Primary Supervising Physician and Physician Assistant:

- The Board is no longer required to approve a delegation agreement below the physician assistant (PA). Only working if the delegation agreement does not include advanced duties. This means that while the Board is not required to approve the delegation agreement prior to the PA practicing, Board staff still needs to review the delegation agreement for compliance.

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NJ regulations – medical physics

SUBCHAPTER 22  QUALITY ASSURANCE PROGRAMS FOR MEDICAL DIAGNOSTIC X-RAY INSTALLATIONS

7:28.22.1 Purpose, scope and applicability

(a) The purpose of this Subchapter is to increase protection to the public and radiation workers from unnecessary exposure to radiation and to reduce the occurrence of misdiagnosis caused by faulty equipment and operator error.

(b) This Subchapter establishes requirements for the development and implementation of quality assurance programs to ensure that registrants of diagnostic x-ray equipment who perform diagnostic x-ray procedures in the medical arts achieve consistent high quality imaging and improve diagnostic value by reducing unnecessary radiation to the patients and workers. This Subchapter further establishes certain responsibilities of registrants of radiation sources used in the practice of diagnostic radiology. This Subchapter also establishes the qualification and training requirements for medical physicists, medical physicist assistants and qualified individuals designing or implementing quality assurance programs in accordance with this subchapter. Certification requirements and associated fees are also established for medical physicists and medical physicist assistants.

NJ regulations

TX proposal - assistants

TEXAS BOARD OF LICENSURE FOR PROFESSIONAL MEDICAL PHYSICISTS

1200 N. Richmond St., Ste. 100
Austin, TX 78701
Phone: (512) 468-2131
Fax: (512) 468-2130
Email: mail@txbpm.org
Website: www.txbpm.org

PUBLIC HEARING

September 10, 2014  2:00-5:00 p.m.
Double Tree by Hilton-Austin
6303 Interlake Highway 29-North, Austin, TX 78752.

The Texas Board of Licensure for Professional Medical Physicists will conduct a public hearing to receive oral and/or written testimony and comment regarding the duties and responsibilities of diagnostic licensed medical physicists (LMPs) with regard to the use of assistants, service engineers, or technicians (hereafter assistants) to gather data for equipment performance evaluations on medical x-ray equipment (including digital, CT and fluoroscopy units). The Board seeks comment from diagnostic LMPs, registrants, facilities, service engineers, manufacturers, and other interested parties.
The meaning of a Master of Science degree in Medical Physics

This issue features a number of authors who have written extensively on the meaning of the Master of Science degree in medical physics in the United States and the future of medical physics in the United States. For those interested, the future of medical physics in the United States is discussed in detail in the article "The future of medical physics in the US health-care system."