Will Physicians Exist in 50 Years?

Tyler Cymet, DO, FACP, FACOFP
Chief of Clinical Education
American Association of Colleges of Osteopathic Medicine
Ways to get to practice medicine

1. Go to a medical school (DO or MD)
2. Train in a Practice Based Profession (No Graduate Training).
3. Get good searching the WWW
4. Take a job with an insurance company creating coverage algorithms
   1. Formulary
   2. Step Therapy (fail first)
5. Get elected to the state legislature

There Was A Time That Medical School Was Needed to Practice Medicine….
Will Physicians Exist in 50 Years?

- What is a Physician
  - Patterns Of Looking At The World-Science Based
  - Way of Thinking-Differential Diagnosis
- Is there anything special physicians do, that other healers do not?
- Who decides on who will do what?
  - Education
  - Certification
  - Licensure
  - Laws
What is a Doctor

According to Ron Weasley, they are muggle nutters who cut people.

- Doctors treat disease
- Healers help you to health

Someone who has a Doctorate

- Can you have a doctorate in practicing?
Decline in Health Care Productivity

Labor Productivity Growth & Employment Growth in U.S. 1990-2010

<table>
<thead>
<tr>
<th>Sector</th>
<th>Real Sector Growth (%)</th>
<th>Labor Productivity Growth (%)</th>
<th>Employment Growth (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Economy</td>
<td>2.5</td>
<td>1.7</td>
<td>0.8</td>
</tr>
<tr>
<td>Health Care and Social Assistance</td>
<td>2.3</td>
<td>-0.6</td>
<td>2.9</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>2.6</td>
<td>4.7</td>
<td>-2.1</td>
</tr>
<tr>
<td>Retail Trade</td>
<td>3.1</td>
<td>2.7</td>
<td>0.4</td>
</tr>
<tr>
<td>Finance, Insurance, and Real Estate</td>
<td>2.9</td>
<td>2.2</td>
<td>0.7</td>
</tr>
<tr>
<td>Professional, Scientific, Technical, and Legal Services</td>
<td>2.9</td>
<td>0.7</td>
<td>2.2</td>
</tr>
</tbody>
</table>

Improving productivity requires delivery model redesign, different provider quantity & mix, and engaging in a much higher value set of activities. This is essential for controlling health care costs.

## Major Factors Shaping Health

<table>
<thead>
<tr>
<th></th>
<th>M1993</th>
<th>M2002</th>
<th>HPC</th>
<th>CHR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavior</td>
<td>50%</td>
<td>40%</td>
<td></td>
<td>30%</td>
</tr>
<tr>
<td>Socioeconomic Conditions</td>
<td></td>
<td></td>
<td>50%</td>
<td>40%</td>
</tr>
<tr>
<td>Environment</td>
<td>20%</td>
<td></td>
<td></td>
<td>10%</td>
</tr>
<tr>
<td>Social</td>
<td></td>
<td>15%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical</td>
<td></td>
<td>5%</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Genes</td>
<td>20%</td>
<td>30%</td>
<td>15%</td>
<td></td>
</tr>
<tr>
<td>Healthcare</td>
<td>10%</td>
<td>10%</td>
<td>25%</td>
<td>20%</td>
</tr>
</tbody>
</table>

What is a Physician?

Is there anything special physicians do, that other healers do not?

Who decides on who will do what?

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Structure of Medical Care

Current Practicing Healthcare Providers 2012

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DO</td>
<td>63,045</td>
<td>6%</td>
</tr>
<tr>
<td>PA</td>
<td>33,640</td>
<td>8%</td>
</tr>
<tr>
<td>NP</td>
<td>14,743</td>
<td>31%</td>
</tr>
<tr>
<td>IMG</td>
<td>4,886</td>
<td>10%</td>
</tr>
<tr>
<td>MD</td>
<td>17,341</td>
<td>36%</td>
</tr>
</tbody>
</table>

Healthcare Providers Entering the Workforce 2012

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DO</td>
<td>4,458</td>
<td>9%</td>
</tr>
<tr>
<td>NP</td>
<td>6,411</td>
<td>14%</td>
</tr>
<tr>
<td>IMG</td>
<td>4,886</td>
<td>10%</td>
</tr>
<tr>
<td>MD</td>
<td>17,341</td>
<td>36%</td>
</tr>
</tbody>
</table>


Source: AACOM 2011-12 Academic Year Graduating Seniors Survey Summary Report; 28th PAEA Annual Report on Physician Assistant Educational Programs in the United States; IMG Performance in the 2012 Match, ECFMG 2012; Table 27: Total Graduates by U. S. Medical School and Sex, 2008-2012; AACN Annual 2012-2013 Enrollment and Graduations in Baccalaureate and Graduate Programs in Nursing
**Structure of Healthcare Education**

**Number of Colleges/Programs 2013**

- **DO**
  - Value: 35
  - Percentage: 4%

**Number Colleges and Programs In Formation 2013**

- **DO**
  - Value: 13
  - Percentage: 12%

- **MD**
  - Value: 14
  - Percentage: 13%

- **NP**
  - Value: 20
  - Percentage: 19%

Source: AACOM Osteopathic Medical College Location Feb 2015, AAMC Table 26: Total Enrollment by U.S. Medical School and Sex, 2009-2013, AACN; 2013-2014 Enrollment and Graduations in Baccalaureate and Graduate Programs in Nursing, PAEA Twenty-Ninth Annual Report on Physician Assistant Educational Programs publication pending.

Structure of Healthcare Providers

Number of Enrolled Students 2013

Source: ACOM Fall 2013 Preliminary Enrollment Report Fast Facts; AAMC Table 26: Total Enrollment by U.S. Medical School and Sex, 2009-2013; AANC Enrollment and Graduations in Baccalaureate and Graduate Programs in Nursing; PAE Twenty-Ninth Annual Report on Physician Assistant Educational Programs 2012-2013 publication pending
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Like the song says: It’s all about that Assessment
Graded levels of independence
Direct supervision and sign off prior to independent practice
Complete training prior to specialty training
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Physicians vs “Advanced Practitioners”

- Advanced Practitioner is the marketing term that replace the professional term “Mid-Level Provider”
I am my own physician

* Much of the population opts for self-care and high deductible insurance.

* Consumers buy health-related products and services through competitive markets that offer high transparency of costs and quality.

* Demand for human primary care providers declines.

* Health care costs are significantly reduced.
Will Physicians Exist in 50 Years?

• Physicians Only?

• Must complete course and master the knowledge, skills and attitudes.