Inter Professional Education (IPE) from a Dental Perspective
Inter Professional Education (IPE) Health Home for All

• Determinants of Health
• Integrated and Outcome-focused Healthcare
Health?

Financial incentives for collaboration

Action Plan

Discussion
1. Health?
2. Financial incentives for collaboration
3. Action Plan
4. Discussion

AGENDA
Appointments for Children
215–707–2863

Appointments for Adults
215–707–2900

Temple Faculty Dental Practice
215–707–2200

Emergency Clinic
215–707–7415

Business Office
215–707–2912

Patient Representative
215–707–2880

Clinic Hours
Monday Through Friday
from 8:30 a.m. to 4:30 p.m.
excluding holidays

Accepting Referrals

Kornberg School of Dentistry
dentistry.temple.edu
Determinants of Health

Social Determinants
- Family support
- Community development
- Equity

Health Policy
- Health outcomes
- Health care
- Access to quality care

Economic Development
- Education
- Environment
- Health insurance

Poverty
- Wealth distribution
- Social policy
- Employment
Determinants of Health

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Economic Development
- Education
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- Health insurance

Health care
Access to quality care
Five-Tier Intervention Impact Pyramid

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Hospitals and Physicians have Limited Financial Return on Investment in a Dental Care System

California Healthcare Foundation, 2014
Potentially Significant Financial Return if Dental Care is Integrated within a Primary Healthcare System

California Healthcare Foundation, 2014
Shortage of Primary Care Providers
52,000+ PCPs may be Needed by 2025

Table 2. Projected Primary Care Physician Need Under Various Conditions by Year

<table>
<thead>
<tr>
<th>Condition</th>
<th>2010</th>
<th>2015</th>
<th>2020</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline</td>
<td>209,662</td>
<td>209,662</td>
<td>209,662</td>
<td>209,662</td>
</tr>
<tr>
<td>Aging of population</td>
<td>–</td>
<td>2,693</td>
<td>6,264</td>
<td>9,894</td>
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<tr>
<td>Population growth</td>
<td>–</td>
<td>11,201</td>
<td>21,952</td>
<td>32,852</td>
</tr>
<tr>
<td>ACA coverage</td>
<td>–</td>
<td>7,104</td>
<td>8,097</td>
<td>8,279</td>
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<tr>
<td>Total</td>
<td>209,662</td>
<td>230,660</td>
<td>245,975</td>
<td>260,687</td>
</tr>
</tbody>
</table>

ACA = Affordable Care Act.

A Large Dental Team
Number of Professionally Active Private Practice Dentists is Increasing, 1960-2009

- Professionally Active
- Private Practice
Dentists have the Capacity to Care for More Patients

Population per Practicing Dentist, Unadjusted for Productivity Improvement

Population per Practicing Dentist, Adjusted for 1% Annual Productivity Improvement

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Healthcare Costs are a Major Concern for Majority of Middle-income Americans whose Wealth is Decreasing

$52.3 peak

2009 $
A Profession in Transition: Key Forces Reshaping the Dental Landscape

- Dental care utilization for children increased by more than 9% over the last decade
- Adult dental care utilization peaked in 2002-2003 before declining 10% over the remaining part of the decade.
- The decline in adult utilization occurred across all income groups, but was particularly acute for low-income adults.
- *Skewed distribution of the dental workforce (Amid Ismail)*
Screening for Chronic Diseases in the Dental Office

$153 BILLION
in lost productivity each year due to chronic disease

SCREENING FOR CHRONIC DISEASES IN DENTAL OFFICES COULD REDUCE U.S. HEALTH CARE COSTS BY...

up to $102.6 MILLION per year
Screening for Chronic Diseases in the Dental Office

27 MILLION PEOPLE visit a dentist and not a physician each year.

RATES OF UNDIAGNOSED:
- HYPERTENSION: 8.2%
- CHOLESTEROL: 7.8%
- DIABETES: 2.7%

HPI – Health Policy Institute
ADA – American Dental Association
Health?

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India’s Secret to Low-Cost Health Care
Govindarajan V. Ramamurti R

The nine Indian hospitals studied are not cheap because their care is shoddy; in fact, most of them are accredited by the U.S.-based Joint Commission International or its Indian equivalent, the National Accreditation Board for Hospitals. Where available, data show that their medical outcomes are as good as or better than the average U.S. hospital.
India Equivalent Quality, Lower Cost, High Access Healthcare

- Hub-and-spoke design (primary care)
- Task Shifting
- Old fashioned, frugality
- Lean production for large volume
Focused Factory Concept
To be the very best at what we do requires intense, ongoing focus. At ChenMed, our focused factory approach centers around one segment - moderate to low-income seniors with complex medical issues. Then, we apply our breakthrough model designed around everything they need to help them achieve their best outcomes. Instead of Florida’s average of 2,230 days in hospital per 1,000 seniors, Chen Neighborhood Medical Centers Miami/Dade County average 1,172 fewer days in hospital per 1,000 seniors, which equals a 52.6 percent reduction.
Dental-Medical Collaborative Model

01. Dental Practices I
Assess, prevent, refer and follow-up

02. Dental Practices II
Assess, prevent and manage (prescribe), follow-up

03. Face-to-Face Care
120 minutes per patient per year in dental offices versus 9 minutes per year in medical practices
Empower and Train the Dental Workforce to Promote Health
Empower and Train the Medical Workforce to Promote Oral Health

- **Dental Team**: Expand and fund dental teams to screen, triage, refer and manage major chronic diseases
- **Medical Team**: Expand and fund healthcare teams to screen, triage, refer and manage dental conditions
- **Education**: Develop and implement core curricula for training dental and medical teams throughout their career cycles
- **Formal certification**: Define new tracks for training of dentists and dental hygienists as certified healthcare providers with a limited scope of practice
The Dental Perspective on IPE

1. IPE all the times
2. Focus on promoting health
3. Integrated care model
4. Cross training
Thank You

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