CE Course Handout

Positioning Dental Hygienists for Health System Transformation

June 15th, 2017
Welcome!

Positioning Dental Hygienists for Health System Transformation

Session Objectives

- Discuss recent initiatives/publications on transformation.
- Present factors contributing to health system transformation.
- Describe five innovative oral healthcare delivery models and the roles of dental hygienists and non-dental professionals.
- Explain the education and educational environments that will be needed to prepare the workforce for system transformation.
- Propose ways that dental hygienists can/should position the profession for success and growth.

Recent Initiatives/Publications

- Santa Fe Meeting
- ADHA Environmental Scan
- ADHA White Paper
- Gies Report 2040
- Government documents
- Major publications
Health System Transformation: Demographics

Shifting population trends
- Growing elderly population, especially frail elderly
- More older adults living in "grouped" facilities
- More cultural diversity
- Increasing numbers of underserved
- Lower oral health literacy levels in some cultures new to the U.S.
- New sexual and gender population groups

Health System Transformation: Technology

- Salivary diagnostics
- Information transfer via telehealth
- Inter/intra operational electronic data bases
- Approaches to remineralization
- Proteomics*, molecular profiling*, genomic arrays*, transcriptomics*
  *involve molecular systems, molecular behavior, transcription and devices to enable ID of tumor DNA, RNA, and protein targets

Applications of Nano-technology

Pathology better understood if oncogenic proteins’ transcripitive behaviors are known.

HNCs - advanced technology enables ID of etiology, affecting prognosis.

Understanding microbes and their environments can enhance risk assessment and prescriptive recommendations.
The Economics

- Greater divide between “haves” and “have nots”
- Prohibitive costs of health care
- Limited “safety nets” for children
- Lack of third party coverage for adults
- Convoluted insurance industry
- Increased and costly reliance on EDs for urgent care

Health System Transformation: Important definitions

- Oral health
  - Aspect of overall health, broadly defined as a state of being free from pain, diseases, and disorders affecting the oral cavity
- Oral health care
  - (or the “care” of oral health) is a part of the overall patient care and includes activities such as risk assessment, health promotion and education, and referral for dental care services.
- Dental care
  - Is a critical component of oral healthcare which includes health services specifically focused on maintaining, attaining or restoring oral health.

Health System Transformation: The system and oral health

- Historic separation of oral health from medical care
  - Health system versus dental care delivery
  - System structure fosters culture that does not value oral health as a part of overall health
  - Medical professionals historically receive little “oral health” training
  - Lack of communication/coordination between medical and dental professionals
Health System Transformation: The role of policy

- Policies that “impact” oral health
  - Regulatory
    - Professional regulation for dental and non-dental professionals
    - Organizational regulation for facility, equipment, etc.
  - Educational
    - Define educational requirements (generally nationally)
    - ADEA, AAMC, AACN, etc.
  - Reimbursement
    - Types, rates, providers
    - Billing/procedure codes
    - Medicaid vs. private insurance vs. employer sponsored vs. self-pay

Health System Transformation: High politics

Health System Transformation: The goals

THE TRIPLE AIM
- Better care for patients (quality)
- Better health for the population (access)
- Lower costs through improvement (cost)

THE IRON TRIANGLE
Health System Transformation: Where are we at and where are we going?

Where we are at:
- Patient Protection and Affordable Care Act (AKA, ACA or ObamaCare)
- Seeks to achieve system “goals” through:
  - Delivery system changes
  - Payment reforms
  - Promotes integration and efficiency across the system (including integration of oral health across the system)
  - Provided funding to develop and test new delivery models

Where are we going next
- UPDATE ONCE MORE IS KNOWN ABOUT NEW HEALTHCARE BILL

Health System Transformation:
National movement towards integration

- Oral disease as a “silent epidemic” affecting vulnerable populations
- “To define, describe, and evaluate the interaction between oral health and general health and well-being (quality of life), through the life span.”
- U.S. Department of Health and Human Services (HHS) Oral Health Initiative 2010
- “Oral Health is Integral to Overall Health”
- 9 new initiatives committing to improving oral health
- Two Institute of Medicine reports in 2011:
  - Advancing Oral Health in America
  - Improving Access to Oral Health for the Vulnerable and Underserved
- Integration of Oral Health and Primary Care Practice

Innovations in Oral Healthcare Delivery
THE ROLE OF DENTAL HYGIENISTS AND NON-DENTAL PROFESSIONAL
Innovations in oral health care delivery:
Across the system

Activities: Risk assessment, health promotion and education, & referral

Oral Healthcare and Primary Care

Additional Activities: Care Coordination and Preventive Interventions

The Vision for Comprehensive Care

Additional Activities: Comprehensive Preventive Care and Periodontal Disease Management

Innovations in oral health care delivery:
Models


Innovations in oral health care delivery:
Model description and key players

<table>
<thead>
<tr>
<th>Model Type</th>
<th>Level Assessed</th>
<th>Oral Health Evaluation</th>
<th>Oral Health Promotion</th>
<th>Oral Health Education</th>
<th>Involvement of Other Providers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model 1</td>
<td>Primary</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Model 2</td>
<td>Primary/Secondary</td>
<td>No</td>
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<tr>
<td>Model 3</td>
<td>Primary/Secondary</td>
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<tr>
<td>Model 4</td>
<td>Primary</td>
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<td>Model 5</td>
<td>Primary/Secondary</td>
<td>No</td>
<td>Yes</td>
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Model Description and Key Players:

Model 1: Integrated care

Model 2: Coordinated care

Model 3: Team-based care

Model 4: Patient-centered care

Model 5: Community-based care
Innovations in oral health care delivery: The role of dental hygienists

- Embrace the concept of shared responsibility in oral healthcare
- Understand pertinent policies (state practice acts, reimbursements, etc.)
- Seek out/develop/strengthen interprofessional collaboration with non-dental colleagues
- If available explore opportunities to practice as part of an interprofessional, multidisciplinary healthcare team in non-traditional settings
- Become an oral health advocates within the healthcare system

Education and Educational Environments

EMBRACING CHANGE TO SUPPORT TRANSFORMATION

Professional Education & Educational Environments

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<thead>
<tr>
<th>PROGRAMMATIC INNOVATION</th>
<th>ENVIRONMENTS</th>
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<tbody>
<tr>
<td>Faculty transformation</td>
<td>Innovative</td>
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<tr>
<td>Curricular content change: adding new topics and minimizing others</td>
<td>Interprofessional</td>
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<td>More off-site interprofessional experiences</td>
<td>“Real life” settings</td>
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<td>More co-learning with other medical providers, especially nursing students</td>
<td>Qualifying examinations</td>
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<td>Accreditation guidelines</td>
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<td>State Boards</td>
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Positioning Dental Hygiene

CHALLENGES

OPPORTUNITIES

- Know the issues: being knowledgeable increases credibility
- Be strategic
- Form coalitions
- Talk to people (patients, the public, non-dental health care providers)
- Advocate
- “Cold calls”
- Have accessible data
- Know what models have worked where

Save the Date!

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