From Mouth to Heart: The Oral-Systemic Health Connection in Primary Care

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NYU Dental/Nursing Collaboration: History

- 2001 IOM call to facilitate inter-professional collaboration in education and practice
- Collaborative vision of Deans Michael Alfano (NYUCD) and Terry Fulmer (NYUCN)
- 2005 NYUCN/NYUCD partnership
- 2006 Opening of NYUCN NP managed faculty practice at NYUCD
NYUCD/NYUCN Collaboration: Strategic Goals

- Create and evaluate models for interdisciplinary research and practice across a wide range of health care settings and diversified populations
- Develop and evaluate models for interdisciplinary education
- Facilitate recognition of and appreciation for the collaborative principles of the nursing and dentistry partnership.
Facts About NYUCD

- Article 28 Diagnostic and Treatment Center
- >300,000 Dental Visits/Year
- 60% African American or Hispanic
- ~ 18% are 65 and Older
- 56% receive Medicaid
- 30% do not have a PCP and Have Not Seen a PCP in >1 Year
Integrated health care system

- Dental home
- Health home
- Medical home

General health screening, dental treatment, referral, reimbursement

Assessment, diagnosis, treatment, referral, reimbursement
The Nursing Faculty Practice

Mission

To expand access to primary healthcare services and improve the quality of life for patients aged 18 years and older.

To become primary care providers for patients without access to health care or in need of regular health care.

To collaborate with NYUCD to test an innovative collaborative oral-systemic primary care delivery model.
Case Study #1

Alex is a 38 year old obese Hispanic man who came to NYUCD for routine dental care. He was diagnosed with periodontal disease (more severe than expected for his age). His dental student was suspicious he may have an undiagnosed chronic illness and referred him to the NYUCN faculty practice for evaluation and treatment because he had no primary care provider.
Case Study #1

- He was diagnosed with T2D and continues to see his NP as a primary care provider to bring his diabetes under better control and modify his lifestyle risk factors; he continues to be treated by his dentist for periodontal disease.
Collaborative Nursing/Dental Clinical Clinical Experience
Dental/Nursing Chairside Consultation Project

NYU College of Nursing
NYUCN PNP Students Learn to Perform Oral Health Examinations with Dental Students in the Pediatric Outreach Head Start Programs
Pediatric Nurse Practitioner / Pediatric Dentistry Collaborative Case Conference

Pediatric Nurse Practitioner / Dental Hygiene Faculty Conference Presentation

NYU College of Nursing
Nursing/Dental Teddy Bear Outreach Clinic

NYU College of Nursing
Dissemination

- ADEA symposium “oral-systemic health connection” 2008 and 2009
- IOM Presentation Feb 2009 Expanding the oral health workforce
- Greater NY Dental Association “From Mouth To Heart”
- AGS Annual Meeting May 09 “Nursing & Dentistry: Uncovering an Underserved Geriatric Population
- NNCC Nov 09 "Using Survey Data to Improve Practice Management in a Unique Nursing-Dental Primary Care Setting“
- Interface- May 09 new NYUCD and NYUCN journal reporting collaborative initiatives between dentistry and nursing
- HRSA Carelink “Improving oral health of older community personnel”
- HRSA Workforce Summit Aug 09 “ Expanding the oral health workforce: A unique interdisciplinary model”
- EHR data benchmarking with HEDIS and DOH data
“You Have to Start Somewhere”

A Message from Charles N. Bartolami, DDS, DMD, Herman Robert Fox Dean
NYU College of Dentistry

“It’s All About the Patient”

A Message from Terry Fulmer, PhD, RN, FAAN
Dean and Elinor Perkins McGriff Professor
NYU College of Nursing
Sample of Publications

- MCN Am J Matern Child Nurs. 2008 Jan-Feb;33(1) (18 articles)
- Preliminary steps toward creating an interdisciplinary international public health program. J Inter Professional Care. 2009: 23 (4): 417-419
- The oral-systemic connection in primary care. The Nurse Practitioner. 2009 Mar;34(3);43-48