

Developing Materials for Public Health and Provider Education on Oral Cancer Prevention and Early Detection

Sandra J. Maurizio, RDH, PhD
School of Allied Health
College of Applied Sciences and Arts
Southern Illinois University

Illinois Initiatives

- 2001 Surveyed Illinois LHD for oral cancer materials they provided to the public
- 2003 Assessed oral cancer content in HCP education programs in Illinois through mailed surveys and personal interviews
- 2003 Developed brochures for dissemination on oral cancer prevention and early detection
- 2004 Developed curriculum consisting of a series of modules
- 2008 Developed Spanish brochure and updated earlier versions

Analysis of Educational Materials Related to Oral Cancer

- Surveys mailed to 94 LHD in Illinois
- Respondents asked to send OC materials
- Nearly half of the LHD reported they had no printed materials related to OC
- Materials were primarily brochures
- Only 11 (22%) of the 48 samples were specifically about OC
- Publication dates ranged from 1978 to 2001

Assessing Oropharyngeal Cancer Content in HCP Education Programs in Illinois

- **Needs assessment to:**
 - identify the oral cancer component of professional educational programs in the state of Illinois
 - determine the extent of the oral cancer content in their curricula
 - determine if health care professionals other than dental providers, receive training in the detection and diagnosis of oral cancer
 - assess schools of nursing, dentistry, dental hygiene, dental assisting, physician assistant, and medicine as the sample population.

Research Questions

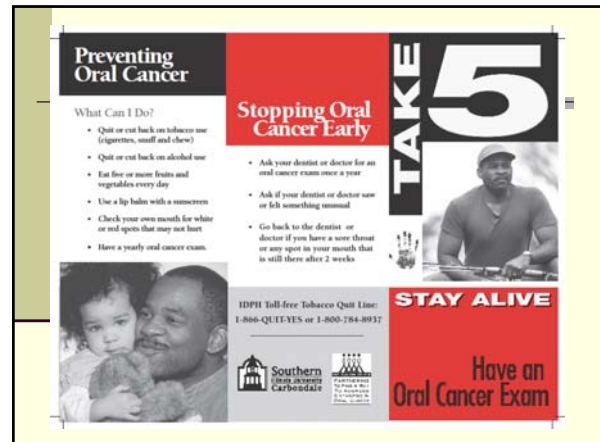
- 1) To what extent do the curricula of nursing, physician assistant, dental hygiene, dental assisting programs and the medical and dental schools include oral and pharyngeal cancer?
- 2) What level of preparation do the program administrators perceive their students have at the time of their graduation in detecting oral cancer?
- 3) Is there a relationship between the type of school or educational program and the extent of oral and pharyngeal cancer education included in the curricula?

Findings

- Oral cancer materials are not readily available for use in education programs
- Education programs other than dental programs spend little time on oral cancer
- Directors of education programs would use oral cancer materials if images were of good quality
- Education programs vary widely in time spent on oral cancer
- A need exists for materials

Brochures

- Developed brochures relating to OC
 - African American
 - Rural populations
- Provided brochures to LDH and other groups
- Available for printing at the facility
- Updated 2008
 - At request of community groups, developed Spanish version of brochure in 2008

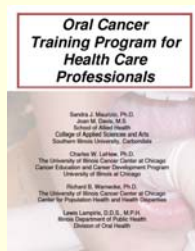


Oral Cancer Training Program

- This project was undertaken to provide a resource for health care providers to use to train colleagues and others about oral cancer.
- The training program was developed to be used by and adapted for all types of health care providers.

Major Content Areas

- Oral Cancer
- Tobacco Cessation



Topic Areas – Oral Cancer

- Topic Areas:
 - Epidemiology
 - Risk Factors and Prevention
 - Clinical Manifestations
 - Screening and Diagnosis
 - Oral Cancer Examination
 - Clinical Stage and Grade
 - Treatment Options
 - Advanced Diagnostics and Prevention
 - Resources

Topic Areas -- Tobacco Cessation

- Introduction Tobacco: Past & Present
- Module One Addiction & Disease
- Module Two Pharmacotherapies
- Module Three Cessation Strategies
- Module Four Setting-up an Office Program

Curriculum

- Informational modules
- PowerPoint slides
- PowerPoint script for use with the trainer slides
- CD Rom for presentation and materials
- Brochures and other materials
- Handouts of PowerPoint slides for participants

Dissemination

- Distributed freely in Illinois and other states by request
- CD Rom with training program distributed via mail because of large size
- Brochures distributed via email

Contact Information

- Sandra J. Maurizio, RDH, PhD
- maurizio@siu.edu
- 618-453-8871