



ANNUAL SOUTH CENTRAL REGION MEETING

**of the National Dental Practice-Based
Research Network (PBRN)**

March 7th and 8th, 2014



MEETING SUMMARY

6 Hours Continuing Education Credit awarded

Meeting Highlights

*“Excellent
Very well organized”*

Key Note Presentation

HPV and Oropharyngeal Cancer Risk:

- More than 500,000 cases worldwide in 2002
- Almost 300,000 deaths worldwide in 2002
- More than 50,000 cases in the US in 2012
- 8th in incidence among men
- 14th in incidence among women
- HPV detection improves sensitivity of cervical cancer cytology screening in older women
- Incidence of HPV-positive cancer is rapidly increasing in the US and other populations whereas HPV-negative cancer is declining

“This was my first meeting and I really enjoyed the communication!”



Additional Opportunities

Speakers' Bureau: Often the most effective means to recruit new practitioners is for a practitioner (rather than an academic dentist) to give a brief presentation at a local study club, local dental society meeting, or meeting of a state dental association. We can work with you to help make this easy.

Practitioner Advisory Committee for the South Central Region:

Planning for the annual regional meetings of practitioners, to make them the best that they can be; study concepts that are being developed; and advice about certain operations of the network or network region.

If you are interested in these opportunities, let us know!

“This was my first meeting and was the most efficient use of my time.”



Breakout Session Highlights

BREAKOUT SESSION 1: HPV and Oral Cancer

- Oral HPV infection is the principal cause of a distinct form of oral cancer
- Methods for detection of oral HPV16 infection have been validated

Proposed study:

- Identify patients with oral infection by cancer-causing HPV types
- Determine rates and risk factors for persistence of infection to 2 years among those with an oral HPV infection
- Screen patients with oral high-risk HPV infection for precancerous lesions of the oropharynx by physical examination augmented by ultrasound technology

*Image/Likeness of Vulcan Used with permission from Vulcan® Park and Museum.



BREAKOUT SESSION 2: Factors Associated with Successful Crowns

- Why does one crown fit, and others do not?
- Remake rate is approximately 5%. Can we reduce this?

Proposed Study

- Quantify the prevalence of techniques used to make impressions, prepare crowns, and insert crowns
- Identify factors associated with successful crowns
- Use laboratory evaluations to identify technical factors which may be associated with crown failure

“The breakout sessions were a great way to have an interactive discussion.”

UPCOMING STUDIES AND STUDIES IN THE PIPELINE:

1. Decision Aids for the Management of Suspicious Occlusal Caries Lesions
2. Patient Satisfaction with Dental Treatment
3. TMJD Treatment Methods
4. Predicting Early Outcomes of Root Canal Treatment

PLEASE CONTACT YOUR REGIONAL COORDINATOR FOR MORE INFORMATION

BREAKOUT SESSION 3:

Management of Dentin Hypersensitivity (DH)

- Prevalence of DH reported to be 8-57% in general population
- Recent survey of practitioners found that respondents reported lack of confidence in managing patients' pain due to DH

Proposed study:

- Characterize methods of diagnosing DH
- Characterize dentists' selected treatment(s) of DH
- Characterize patient-reported pain outcomes over time

REGIONAL COORDINATOR

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Meeting photos by: Nik Layman

