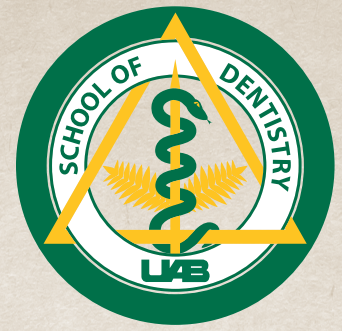


The National Dental
Practice-Based
Research Network



ANNUAL SOUTH CENTRAL REGION MEETING

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

March 1st and 2nd, 2013



MEETING SUMMARY

5.5 Hours Continuing Education Credit awarded

Breakout Session Highlights

*"Very well organized.
Thank you very much!"*

BREAKOUT SESSION 1:

Suspicious Occlusal Caries Lesions:

- Previous network study found that nearly 1/3 of patients had a suspicious lesion
- 1/2 of the lesions that were opened did not extend into the dentin
- Practitioners are looking for ways to more accurately diagnose these lesions

Proposed study:

- Practitioners randomized into 3 treatment arms: no device, DIAGNOdent®, or CarieScan Pro®
- Collect patient-level information
- Practitioner decides treatment and records diagnostic and treatment information

RECRUIT A FRIEND!

*If interested, call a
Regional Coordinator.*

*"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 2:

Can Electronic Dental Records (EDR) Improve Your Practice and Be Used for Studies?

- Recent study of network dentists: 75% use computer to manage clinical information
- Collecting data from EDR eliminates need for paper forms

Proposed study:

- Investigate if EDR data can be used as part of a practitioner-led Quality Improvement (QI) initiative
- Implement a focused QI report on the success of root canal treatments
- Generate a patient data report to provide detailed information useful to you about all of your patients

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



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

BREAKOUT SESSION 3:

Cracked Tooth Registry

- Previous study found that more than 3/4 of all patients had at least one crack and 11% were symptomatic
- Most were associated with a large restoration

Study Proposal

- Identify risk factors for predicting adverse outcomes in symptomatic and asymptomatic teeth
- Evaluate outcomes of various treatments on cracked teeth
- Correlate internal and external crack characteristics

This study proposal generated high interest!

OTHER PROJECTS IN THE PIPELINE:

1. HPV/Oral Cancer
2. TMJD
3. Isolation Methods During Root Canal Treatment

PLEASE CONTACT YOUR REGIONAL COORDINATOR FOR MORE INFORMATION:

Tricia Keith (205) 996-5412

tkeith@uab.edu

BREAKOUT SESSION 4:

Pain and Root Canal Therapy (RCT)

- Pain is known to be associated with RCT; before, during, after, and persisting
- Previous network study done to assess pain before, immediately after, one week, and 6 months post-treatment
- 16% still had severe pain 1 week post-op
- More than ½ were taking medication for pain 1 week post-op
- 6 months out: 1 in 10 still had persistent pain

Practitioners who attended were surprised by the 6-month findings

Study ideas generated at the meeting:

- Relationship between frequency of prophy recall and long term cost to patient
- Posterior composite follow-up
- Full periodontal charting follow-up
- Standard of care in rural vs. urban offices
- Implant follow-up

REGIONAL COORDINATOR

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Meeting photos by: Nik Layman

