# 5th Annual Dental Procrastinators Symposium: Embracing Innovation to Improve Oral Health

**December 2, 2017**  
8:30 am – 3:45 pm  
Charlotte AHEC, Center for Learning & Development

## Agenda

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<th>Time</th>
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<td>8:00-8:30 am</td>
<td>Registration and Networking</td>
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<td>8:30-10:00 am</td>
<td><strong>Welcome</strong> - Teledentistry: Is It the Future or a False Hope?</td>
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<td><em>Nigel Shaun Matthews, DDS, MD</em></td>
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<td>10:00-10:15 am</td>
<td>Break</td>
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| 10:15-11:45 am| **DENTIST TRACK**  
|               | Dental Lasers: Technology with Many Exciting Applications             |
|               | *Michael Roberts, DDS, MScD*                                         |
|               | **HYGIENIST TRACK**  
|               | The Use of Innovative Techniques in Palliative Care: Why Is a Diagnosis So Difficult? |
|               | *Nancy Burkhart RDH, BS, MEd, EdD*                                    |
| 11:45 am-12:30 pm| Lunch                                                                |
| 12:30-2:00 pm | **DENTIST TRACK**  
|               | Proper Opioid Prescription Writing: Our Responsibility as Practitioners|
|               | *Bill Claytor, Jr., DDS, MAGD*                                       |
| 2:00-2:15 pm  | Break                                                                 |
| 2:15-3:45 pm  | **DENTIST TRACK**  
|               | Bleaching Materials for Treatment with the New Caries Diagnosis       |
|               | *Van Haywood, DMD*                                                   |
| 3:45 pm-4:00 pm| Lunch                                                                |
| 4:00-4:15 pm  | Break                                                                 |

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**Charlotte Area Health Education Center**
Welcome—Teledentistry: Is It the Future or a False Hope?

_**Nigel Shaun Matthews, DDS, MD**_

8:30 am -10:00 am

The general health care system in the United States is undergoing tremendous change. It is widely accepted that the current system spends too much money and achieves too little. These poor results are measured in many ways including significant health disparities in the U.S population. There is also growing recognition that the same factors apply in the oral health industry. Currently, most the U.S population does not receive dental care. Significant barriers exist to the ability of many people to source dental care; these include the cost of treatment, geographic distribution of dental offices and clinics, and linguistic and cultural barriers.

Consequently, there is growing interest in the use of telehealth technologies, driven by increased recognition of its potential to improve access to health care and improve health outcomes, especially among underserved communities. This course covers many of the hot topics relevant to the implementation of teledentistry in the U.S.A in general, and in the state of North Carolina to include its functionality, limitations, and challenges.

**Educational Objectives**

- Define telehealth
- Discuss the available telehealth modalities, software and equipment requirements
- Describe the Virtual Dental Home system of care
- Outline the potential legal and regulatory issues implicated in implementing a telehealth-based system of care
- Discuss the challenges of integrating telehealth systems into dental practice and community locations

Dental Lasers: Technology with Many Exciting Applications

_**Michael Roberts, DDS, MScD**_

10:15 am – 11:45 am

Lasers have many exciting applications in clinical dentistry. Lasers can significantly reduce operative pain and bleeding, and eliminate postoperative discomfort. An overview of laser technology and systems currently available to practitioners will be presented. The advantages and disadvantages of specific wave lengths will be highlighted. Clinical cases will illustrate how the use of lasers can enhance patient care.

**Educational Objectives**

- Review the science behind laser applications.
- Review the various laser options available to the dentist and their advantages/disadvantages.
- Provide numerous cases having been treated with a laser.
The Use of Innovative Techniques in Palliative Care: Why Is a Diagnosis So Difficult?
Nancy Burkhart RDH, BS, MEd, EdD
10:15 am – 11:45 am
As dental care professionals, we strive for the best care we can provide for our patients. With time constraints, a mobile society, more stress in everyday life, we often do not have the time needed to adequately assess the needs of patients with true mucosal disease states. These patients command a proper diagnosis. This seminar explores the reasons why adequate care/diagnosis is delayed, and the status and value of support groups.

You will learn about changes in the general appearance of the patient that may signify changes in the oral tissues, as well as common reasons why there may be a failure to adequately diagnose them. Innovative solutions will be presented as to the reasons why support groups for mucosal diseases assist patients and practitioners in palliative care.

Educational Objectives
- Identify five mucosal disease states that may be encountered when completing a thorough assessment of the patient
- Summarize innovative support services that are available
- Explain the concepts that will assist the dentist/hygienist in a complete assessment of oral tissue changes.
- Assess whether your dental practice is promoting a total health concept that is benefiting those patients that you treat in your practice

Proper Opioid Prescription Writing: Our Responsibility as Practitioners
Bill Claytor Jr., DDS, MAGD
12:30 pm – 2:00 pm
This course will discuss the current opioid epidemic in the United States and identify ways dentists can help to decrease its influence on society. A focus of the course will be to explore and discuss the actual research surrounding NSAIDs vs Opioids for acute dental pain. This course will fulfill the NC State Board of Dental Examiners requirement for license renewal for 2018.

Educational Objectives
- Responsible opioid writing for all patients plus specific protocols for safe prescribing practices, including patients with alcoholism and drug addiction.
- Discuss the correlation between federal opioid regulations and the rise of heroin amongst our patients in North Carolina.
- Present facts and statistics about the national prescription opioid drug epidemic and the dentist's role in reversing the problem.
- List specific details of ethical prescription writing to help lessen the availability of excessive opioids
- Explore specific clinical dental situations that may alter dental care due to drug-seeking behavior and substance abuse.
- List specific questions to ask in the initial patient interview that may alert a dentist to suspect opioid-seeking behavior.
- Recognize constructive steps the dentist can take to set boundaries on when to prescribe opioids.
- List specific pre-operative and chairside procedures that can lessen the need for post-op opioids.
Subgingival Air Polishing for Biofilm Management

Jennifer Harmon, RDH, MS
12:30pm – 2:00pm

Over the past few years, indications for the use of air powder polishing technology have expanded. Research supports the use of air polishing with glycine powder in nonsurgical periodontal treatment of periodontitis, peri-implant mucositis and peri-implantitis, and periodontal maintenance therapy. Incorporating subgingival air polishing into patient care has the potential to transform professional biofilm management.

Educational Objectives:
- Explain the importance of professional subgingival biofilm removal from root surfaces as a routine part of nonsurgical periodontal therapy.
- Compare subgingival air polishing with glycine powder for biofilm management with supragingival air polishing with sodium bicarbonate for stain removal.
- List medical and dental contraindications of subgingival air polishing for biofilm management and supragingival air polishing for stain removal.
- Compare the types of air polishing powders available and their appropriate use.
- Identify devices for subgingival air polishing.
- Discuss proper techniques for air polishing using a standard nozzle, and a plastic tip with glycine-based powders.

Bleaching Materials for Treatment with the New Caries Diagnosis

Van Haywood, DMD
2:25pm – 3:45pm

Some bleaching materials have a side effect relative to caries. Also, the diagnosis for caries as changed from the "explorer stick". Explore this new caries diagnosis (ICDAS) which suggests different restorative treatment for minimally involved teeth, and the new use of bleaching materials for caries control in elderly and orthodontic patients. Learn updated sealant techniques and preventative resin restorations, as well as insights on treatment of dry mouth to avoid root caries.

Educational Objectives
- Explore sealant and preventive resin restorative techniques based on new caries diagnosis insights.
- Learn caries control with bleaching agents in youth and adults with tray fabrication techniques
- Discover various dry mouth treatments to avoid or reduce root caries