Friday, April 3, 2009
7:15 – 8:00am – Registration and Continental Breakfast

8:00 - 10:00am – Introduction and Overview
Chris Baker

- A child patient’s smile – a window to the soul
- Airway and oxygenation
  - Oxygen and a child’s health
  - The lymphatic system
  - The airway -- is it obstructed?
  - Risks a child faces with a partially obstructed airway
  - Bruxism

10:00 – 10:15am – Morning Break

10:15 – 11:15am - Prevention
Bill Waggoner

Parent education and instructions to keep children healthy
- Begin early – as soon as the baby is born.
- Infant dental visit
- Prevention: getting the best ROI – Return on Your investment
  - Frequent, regular preventive dental visits
  - Preventive services
- Educating parents about decay
- Oral Hygiene Instructions
- Nutritional counseling
  - Cariogenic (decay-causing) foods, snacks and beverages
  - Calcium intake
  - Avoiding soy in foods to insure proper calcium absorption
- Prudent uses of fluorides
- Sealants
- Mouthguards for sports and related activities
- Speech
- Pregnancy and infancy counseling to lessen later health risks
  - The pregnant mother
  - Care of the infant and toddler
Dental caries, risk factors and prevention of decay
- ECC – management
- Caries risk assessment
- Tooth decay – the bacteria
- Decay and saliva
- Decay and tooth enamel
- Decay and dental pits and fissures
- Decay and the diet
- Fluoride
- Xylitol
- Anti-microbials
The oral examination and diagnosis
- Radiology guidelines and recommendations for the pediatric patient
- Clinical examination
- Diagnostic protocols

11:15am – 12:15pm - Diagnosis and Treatment Planning  
  Bill Waggoner
  • Health history review/ red flags
  • Evaluation of findings/possible treatments

12:15 – 1:15pm - Lunch

1:15 - 3:00pm - Diagnosis and Treatment Planning  (continued)  
  Bill Waggoner

Restorative and Other Treatment  
  Pediatric dental treatment
  • The treatment plan based on clinical examination, radiographic examination and complete findings
  • Restorative dentistry for the child patient
    o Amalgam restorations
    o Composite restorations
    o Stainless steel crowns
    o ART
    o Gold
    o Glass Ionomer cements, compomers/ RMGI, Bonding agents
    o The pedi partial
  • Hypo/hypermineralized permanent molars

3:00 – 3:15pm - Afternoon Break

3:15 - 4:30pm - Restorative and Other Treatment  (continued)  
  Bill Waggoner

4:30 – 5:00pm - Q&A

5:00pm - Adjourn

Saturday, April 4, 2009
7:30 – 8:00am – Continental Breakfast

8:00- 9:15am – Pulp pathology and therapies  
  Michael Ignelzi
    o Pulpotomy
    o Pulpectomy
    o Abscessed teeth

9:15 – 9:30am – AM Break

9:30 - 12:30pm – Behavior Management and Special Needs Patients  
  Dennis McTigue
  Providing pediatric dentistry in your office setting
  • Meeting needs of the parent and the child patient
  • Meeting your own needs
  • Behavior management: Keeping a child comfortable and safe during treatment
The interplay of child behavior and parenting
Current parenting psychology and its impact on the child patient
Informed consent
Communication
Emergencies
Management techniques
Nitrous oxide
Sedation
General anesthesia
Parental presence in the operatory?: The pros and cons
Protective Stabilization
  - AAPD guidelines
  - Indications
  - Contraindications

The special needs child
  - Antibiotic premedication – current guidelines and usage

12:30 – 1:30pm – Lunch

1:30 – 4:30pm – Growth and Development

Craniofacial growth
  - Embryology and facial growth
  - Cleft lip/palate
  - Diagnostics
    - The developing occlusion
    - Dental developmental stages: The primary, transitional and permanent dentition
      - Eruption timing
      - Abnormalities
      - Anomalies
  - Development of healthy TMJ and masticatory muscles
  - Aberrant skeletal/dental/occlusal development
    - Extractions –
      - Ectopic teeth
      - Alignment concerns
  - Insufficient space for permanent incisors
  - Space maintainers
  - Genetics vs. environment
    - Bruxism
    - Habits – thumb, pacifier, finger, tongue, bottle, sippy cup
  - Evaluation of growth and development
    - Habits
    - Crowding
    - Openbite
    - Deepbite
    - Excess overjet
    - Posterior crossbite
    - Anterior crossbite and pseudo crossbite

Habits and Growth
  - Development of harmful habits
    - When are habits harmful?
    - Which sucking habits are harmful?
  - Risks of habits
    - Dental and alveolar effects

Michael Ignelzi

Comprehensive Pediatric Dentistry for the General Practitioner
Middle ear infections, tongue problems and speech

- Intervention possibilities
  - Appliance design
  - Orthodontic correction timing

2:45 – 3:00pm
Break

4:30 – 5:00pm
Q&A

5:00pm
Adjourn

Sunday, April 5, 2009

7:00 – 7:30am – Continental Breakfast

7:30 - 9:30am – Trauma
Diagnostic evaluation of trauma
- Types of injuries to primary teeth
  - Displaced primary teeth
  - Intrusion
  - Extrusion
  - Avulsed primary tooth
  - Fractured primary tooth
- Types of injuries to permanent teeth
  - Displaced permanent teeth
  - Intrusion
  - Extrusion
  - Avulsed permanent tooth
  - Fractured permanent tooth
- Soft tissue injuries
- Severe facial trauma and jaw fractures
- Preventing trauma
  - Mouthguards
- Child Abuse
- Electrical burns

9:30 – 9:45am – AM Break

9:45am -12:30pm – Panel: "What would you do?"
- Assessment and treatment of various pediatric presentations and challenges--toothaches, various trauma, primary herpes, lip bite, behavior guidance
- Final Recap

12:30pm
Adjourn