Pediatric Dentistry

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Full Course: 9CEs AGD; Code 430/14CEs CBDE
Price: $540
Format: mp4 Audio, PDF with Images Included
Delivery: Digital Download or CD Via Mail
Printed Manual By Request Only
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COURSE OBJECTIVE

The purpose of this continuing education course is to review the basic concepts of Pediatric Dentistry that will enable the general practitioner to treat children as part of their practice, as well as learn some of the newer concepts and clinical guidelines of Pediatric Dentistry. A general theme is that the diagnosis and management of dental caries is based on both an evidence- and risk-based approach. Current evidence regarding the carious process, diagnostic factors, and caries risk assessment allows the practitioner to improve upon traditional management of dental caries so that therapy focuses on patient-specific approaches that include disease monitoring and suppression methods supplemented by restorative therapies. These principles also will be applied to the specific disease -- Early Childhood Caries.

The presentation also covers the basics of restorative techniques in children including preparation and restoration of primary teeth for amalgam, composite or stainless steel crown. Along with restorative techniques, an in depth discussion of treating deep caries will be reviewed, as well as how to make restorative dentistry more comfortable for children using approaches that Pediatric Dentists rely on. Dental emergencies including emergencies due to pulpitis and trauma will be addressed.

Besides these technical issues there will be discussions on growth of the dentition and the basics of interceptive orthodontics. There also will be a discussion of basic behavior issues that are found in various age groups and how to address these problems with positive techniques. Lastly, an interesting case report will be presented that will try to put all the concepts together with emphasis on treatment planning.

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COURSE TOPICS

DPED-01-01: Overview of Pediatric Dentistry

DPED-01-02: Diagnosis, Risk Assessment and Management of Dental Caries
Understand the basis of caries risk assessment; Know the scientific basis and practical approaches for caries preventive modalities (fluorides, antimicrobials, sealants, and dietary control; List those items derived from a history and clinical examination of a child that enables assessment of caries risk; Understand the factors that affect the decisions to treat dental caries in children; and Follow a protocol for caries prevention and therapeutic intervention based on age, risk factors, and cooperation.

DPED-01-03: Restorative Dentistry in Children
Be able to choose the level of restorative dentistry in children depending on their caries risk; Know the anatomy of primary and permanent teeth and how this affects restorative techniques; Know the procedures to optimize the performance of amalgams, composites and stainless steel crowns in children; Be able to list the advantages of amalgam and the advantages of composite restorations; and Know the important steps in preparing a stainless steel crown preparation.

DPED-01-04: Early Childhood Caries: Epidemiology, Etiology, Risk Factors, and Prevention
Understand the recent changes in our understanding and prevention of early childhood caries; List the specific risk factors for early childhood caries; In a child that is identified at high caries risk, describe the preventive program that should be done by a dental professional; and In a child that is identified at high caries risk, describe the preventive program that should be done by the child’s primary caregiver.

DPED-01-05: Deep Caries and Dental Emergencies
Differentiate between reversible and irreversible pulpsitis in primary teeth; Describe how one can avoid exposing the pulp when excavating caries in a primary tooth; Be able to recognize life threatening dental emergencies; and Be able to perform direct and indirect pulp capping and pulpomies on primary teeth.

DPED-01-06: Dental Trauma
Understand the various types of oral trauma and the specific treatment modalities for each; Describe the critical issues regarding the successful reimplantation of avulsed teeth; and Understand the long term outcomes for various tooth trauma.

DPED-01-07: Fluoride Controversies
Be able to distinguish between the fluoride systemic route and the fluoride topical effect; Know the details of fluoride mechanisms, fluoride remineralization and its antimetabolic effect; Systemic F Supplements? Should we still use them?; Understand the controversy of optically fluoridated water to make infant formula; Understand the rational for the EPA’s recommendation to reduce optically fluoridated water to 0.7 ppm F; Know the amount toothpaste and rationale for brushing teeth of preschool children; and Be able to use the best evidence for you application of professional topical fluoride.

DPED-01-08: Growth in the Primary and Mixed Dentition
Describe features in a primary or mixed dentition that are normal development, but could be interpreted by parents as a problem; Know when teeth erupt and its relationship between enamel formation and systemic disease; Describe how the larger permanent incisors are able to fit into the same space as the smaller primary incisors; and Relate growth and development issues to minor orthodontic interventions.

DPED-01-09: Behavior Management in Children
Be able to describe basic communication techniques that can be adapted to dentistry; Know how communication techniques differ due to the age of the patient; List several ways to avoid behavior problems in the dental chair; and Describe a few behavioral management techniques that you can adapt to your practice.

DPED-01-10: Secret Weapons on Pediatric Dentistry: Local Anesthesia, Rubber Dam, and Nitrous Oxide Analgesia
Understand the optimal ways to administer local anesthetic in children; Know how to calculate the maximal dose of local anesthesia; Understand the physiology of nitrous oxide; Be able to administer nitrous oxide to allay apprehension in children; and Know the simplified approaches to placing rubber dams.

DPED-01-11: Case Presentation: Putting it all Together
Understand the basis of treatment planning for children at high caries risk; List those preventive strategies that should be included in a treatment plan of a child with moderate caries risk; and Know how to apply risk assessment into the treatment planning of children.