

# PEDIATRIC DENTISTRY (PEDO)

## Courses

### **PEDO 5020. Pediatric and Orthodontic Clinic 1. 2 Credit Hours.**

The postdoctoral program in pediatric dentistry is designed to provide each resident with clinical experience that will enable her or him to function as a proficient and competent provider of comprehensive dental services for children. Throughout the two-year program, residents will be expected to apply the information gained in the didactic part of the program to the delivery of dental care in the various clinical settings encompassed by the program. Although supervision by faculty is always provided, residents are expected to demonstrate increasing independence and initiative as they progress in clinical experience.

### **PEDO 5021. Pediatric & Orthodontic Clinic 2. 5 Credit Hours.**

The postdoctoral program in pediatric dentistry is designed to provide each resident with clinical experience that will enable her or him to function as a proficient and competent provider of comprehensive dental services for children. Throughout the two-year program, residents will be expected to apply the information gained in the didactic part of the program to the delivery of dental care in the various clinical settings encompassed by the program. Although supervision by faculty is always provided, residents are expected to demonstrate increasing independence and initiative as they progress in clinical experience.

### **PEDO 5022. Pediatric and Orthodontic Clinic 3. 6 Credit Hours.**

The postdoctoral program in pediatric dentistry is designed to provide each resident with clinical experience that will enable her or him to function as a proficient and competent provider of comprehensive dental services for children. Throughout the two-year program, residents will be expected to apply the information gained in the didactic part of the program to the delivery of dental care in the various clinical settings encompassed by the program. Although supervision by faculty is always provided, residents are expected to demonstrate increasing independence and initiative as they progress in clinical experience.

### **PEDO 5026. Orthodontics I. 2 Credit Hours.**

This course comprises two seminar series in which orthodontic diagnosis and treatment principles for the primary and mixed dentitions are presented. Included also are laboratory technique exercises in which commonly used orthodontic appliances are constructed.

### **PEDO 5027. Orthodontics 2. 2 Credit Hours.**

These seminars consist of a series of selected orthodontic topics that will be assigned to individual residents for presentation to their classmates and faculty. The course director will provide a seminal article on the assigned topic from which the resident will research additional references and present a seminar session based on the material.

### **PEDO 5028. Orthodontics 3. 1.5 Credit Hour.**

These seminars consist of a series of selected orthodontic topics that will be assigned to individual residents for presentation to their classmates and faculty. The course director will provide a seminal article on the assigned topic from which the resident will research additional references and present a seminar session based on the material.

### **PEDO 5042. Pediatric Dentistry I. 2 Credit Hours.**

This course comprises several seminar series and lectures on a variety of subjects pertinent to advanced pediatric dentistry. Included are conscious sedation, pulp therapy, traumatic dental injuries, cariology and prevention, periodontal problems, special patient care, infection control, restorative materials and techniques, radiographic principles and practice, and pediatric grand rounds.

### **PEDO 5043. Pediatric Dentistry 2. 6 Credit Hours.**

This course is largely a continuation of lectures and seminars on the subject matter introduced in PEDO 5042 Pediatric Dentistry 1, but also adds case conferences and current literature seminars.

### **PEDO 5044. Pediatric Dentistry 3. 6 Credit Hours.**

In part, this is a continuation of some lecture and seminar topics from PEDO 5043 Pediatric Dentistry 2. In addition, the following subject matter will be presented: behavior management, psychosocial growth and development, pediatric oral pathology, advanced nutrition, craniofacial growth and development, antibiotics, and analgesics and sedatives.

### **PEDO 5051. Pediatric Physical Diagnosis. 1.5 Credit Hour.**

The pediatric dental resident will be given the opportunity to learn physical evaluation of a child's various systems to determine the patient's status prior to administration of general anesthesia.

### **PEDO 6000. Introduction to Advanced Pediatric Dentistry for Interns. 1 Credit Hour.**

This is a one year program during which the student intern participates in similar curricular activities as the first year pediatric dentistry residents. The student will attend didactic courses with the first year residents and participate in presentations of journal articles in seminars. The student will participate in weekly case presentations and interdisciplinary dentistry seminars, as well as lectures by guest speakers in our institution. Clinical activities will involve hands-on contact with patients and working on pediatric patients under the supervision of pediatric dentistry residents and faculty. The intern will be assigned their own patients, and will attend clinic sessions with the pediatric dentistry residents. Interns will rotate through our offsite clinics, providing comprehensive dental care to pediatric patients.

### **PEDO 6023. Pediatric And Orthodontic Clinic 4. 7 Credit Hours.**

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### **PEDO 6024. Pediatric and Orthodontic Clinic 5. 4.5 Credit Hours.**

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### **PEDO 6025. Pediatric and Orthodontic Clinic 5. 7 Credit Hours.**

The postdoctoral program in pediatric dentistry is designed to provide each resident with clinical experience that will enable him or her to function as a proficient and competent provider of comprehensive dental services for children. Throughout the two-year program, residents will be expected to apply the information gained in the didactic part of the program to the delivery of dental care in the various clinical settings encompassed by the program. Although supervision by faculty is always provided, residents are expected to demonstrate increasing independence and initiative as they progress in clinical experience.

**PEDO 6029. Orthodontics 4. 2 Credit Hours.**

These seminars consist of a series of selected orthodontic topics that will be assigned to individual residents for presentation to their classmates and faculty. The course director will provide a seminal article on the assigned topic from which the resident will research additional references and present a seminar session based on the material.

**PEDO 6030. Orthodontics 5. 2 Credit Hours.**

These seminars consist of a series of selected orthodontic topics that will be assigned to individual residents for presentation to their classmates and faculty. The course director will provide a seminal article on the assigned topic from which the resident will research additional references and present a seminar session based on the material.

**PEDO 6045. Pediatric Dentistry 4. 6 Credit Hours.**

A continuation of the case conferences, current literature seminars, and pediatric grand rounds, this course also introduces practice management and topics in clinical genetics.

**PEDO 6083. Investigative Project. 1 Credit Hour.**

Each resident is required to carry out an investigative project that may be laboratory-, clinic-, or library-based, depending on the interests of the student. Projects must be submitted in the form of a manuscript or publishable quality.

**PEDO 6084. Investigative Project. 1 Credit Hour.**

Each resident is required to carry out an investigative project that may be laboratory-, clinic-, or library-based, depending on the interests of the student. Projects must be submitted in the form of a manuscript or publishable quality.

**PEDO 6146. Pediatric Dentistry 5. 5 Credit Hours.**

This course continues the case conferences, current literature seminars, and pediatric grand rounds of PEDO 6045 Pediatric Dentistry 4, adding craniofacial anomalies seminars.

**PEDO 7091. Pediatric Dentistry Clinic. 2 Credit Hours.**

Clinical experience with child patients gives students the opportunity to gain clinical judgement and proficiency while practicing comprehensive dentistry for children. Areas of competency include prevention, examination, diagnosis and treatment planning, local anesthesia, operative dentistry, pulpal therapy, oral injuries, oral surgery, preventive and interceptive orthodontics, behavior management, maintenance care, and periodontics.