

Pediatric Dentistry Residency

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Program Curriculum

The curriculum is designed to provide didactic and clinical instruction for the resident and an opportunity to develop proficiency with both primary and comprehensive preventive and therapeutic oral health care for infants and children through early adolescence, including those with special health care needs.

The program encourages the development of a critical and inquiring attitude necessary for the advancement of practice, research and teaching in pediatric dentistry. The daily seminar-based didactic program includes instruction in the following disciplines:

- Prevention and Health Promotion
- Behavior Guidance
- Sedation and General Anesthesia
- Behavior Guidance
- Hospital Dentistry
- Management of Medical Emergencies
- Diagnosis and Treatment Planning
- Diagnosis of Caries, Non-Restorative Management and Restorative Treatment
- Pulp Therapy
- Oral Diagnosis, Oral Pathology, Oral Radiology and Oral Medicine
- Management of a Contemporary Dental Practice
- Pharmacology
- Biostatistics, Health Informatics and Clinical Epidemiology
- Pathophysiology of Special Healthcare Needs
- Oral Facial Injury and Emergency Care
- Orthodontics
- Growth and Development
- Human Embryology, Syndromes and Craniofacial Anomalies
- Review of Pediatric Dentistry Journal

Clinical and didactic teaching opportunities include teaching hospital-based pediatric residents, fellows, and attending physicians, dental students at the University of Utah School of Dentistry, and other allied health staff.

Rotations

First Year

- Basic Life Support (BLS) Pediatric Advanced Life Support (PALS) are provided quarterly through Intermountain Healthcare's Resuscitation Quality Improvement (RQI)
- Nurse Practitioner/Children's Procedure Center - 2 days
- Utah Regional Leadership Education in Neurodevelopmental Disabilities (URLEND) Didactic and Research – 300 hours
- URLEND Clinical Experience - 1 week
- Pediatric Medicine – 1 week
- Neurobehavior – 1 week
- Genetics – 1 week
- Craniofacial Clinic - quarterly

Second Year

- Anesthesia – 4 weeks
- Pediatric Medicine – 1 week
- Office Visits

Research

Residents engage in scholarly activity which includes the participation in and completion of a clinical research project which utilizes data collection and analysis and elements of the scientific method. Research training, funds and time for this are incorporated in the curriculum. Research projects are presented at the American Academy of Pediatric Dentistry Annual Session Poster Presentation Contest and supported by the program.