

AEGD Program Rotations

REQUIRED ROTATIONS

Urgent Care

Each resident has a 52-week rotation in Urgent Dental Care. Additional instruction is received through dental department seminars, literature reviews, case presentations, general practice presentations, and orientation lectures.

Rotation and Resident Supervisor: Dr. Linda Rasubala

Objectives:

1. Develop skills in the evaluation and diagnosis of dental emergency problems.
2. Become skilled in developing appropriate treatment plans for patients with emergency problems.
3. Become skilled in treatment of dental emergency problems requiring placing temporary restorations, pulpectomies, extractions, excavating caries, incision and drainage of intra oral abscesses, treatment of minor dento-alveolar trauma including splinting of avulsed tooth, gingival curettage of localized acute pain of periodontal origin and postoperative treatment including dry socket and post-operative complications.
4. Become skilled in time management when evaluating and treating emergency patients.
5. To understand the processes of dental and medical referrals.
6. To understand the use of social workers in assisting patients need.

Oral Surgery Rotation at EIOH

Each resident has a 3-month rotation in Oral Surgery focusing on surgical removal of third molars (rotation can be extended). Residents receive additional instruction through department seminars, literature reviews, a pre-clinical course in oral surgery, a dental implant course, and general practice presentations.

Rotation and Resident Supervisor: Dr. Alex Ghanem

Objectives:

1. To expose the residents to the complexities of Oral and Maxillofacial Surgery
2. To enhance skills in obtaining adequate consultations with other medical and dental specialists for management of patients requiring dental or surgical care
3. To significantly improve skills in the surgical removal of impacted third molars
4. To enhance skills in pre-prosthetic and alveoplasty surgery
5. To enhance skills in biopsy surgery
6. To enhance skills in evaluating and treating post-operative complications
7. To enhance skills in risk assessment of surgical procedures.
8. To enhance skills in surgically exposing impacted canines in need of orthodontic guidance

Research Rotation

Mandatory for residents in the 2-year program only. After completion of the Research Workshop, 4 hours per week for 3 months are used to develop a research protocol. The protocol will be presented and discussed in the Research Seminar series. Upon completion and approval of the research protocol, residents have 8 hours per week to work on their research project for the remainder of their program (92 weeks), i.e. until the time of their results presentation. The selection of a research area is only limited by the availability of a research mentor. The execution of the project is supervised by the selected research mentor and progress is also monitored by an assigned research facilitator.

Rotation and Resident Supervisor: Dr. Yanfang Ren

Objectives:

1. Understanding how to select a research topic and formulate a research question
2. Enhanced skills in providing background and rationale for the project and design a research method
3. Enhanced skills in writing a research protocol.
4. Improved skills in executing and complete the research project
5. Enhanced skills in writing a research manuscript and presenting a research paper

Comprehensive Care Rotation

Each resident will participate in this rotation. One-year residents will complete a 52-week rotation for 32 hours per week. Two-year residents will complete a 104-week rotation with 32 hours per week.

The residents will be assigned to the comprehensive care clinic in the General Dentistry Program for the major part of their training. They have the opportunity to interact with multiple general dentists as well as specialists from periodontology, orthodontic, endodontics, prosthodontics, and oral surgery. Specialists in these areas are available in the clinic. The resident will develop skills in managing comprehensive care patients.

Rotation and Residents Supervisor: Dr. Hans Malmstrom

Objectives:

1. To perform a comprehensive work-up for dental care
2. To provide high quality care in the areas of periodontology, restorative, fixed and removable prosthodontics, oral surgery, endodontics, TMJ, and implants, and integrate this into a well-sequenced treatment plan
3. To develop skills in surgical placement and restoration of dental implants
4. To develop skills to appropriately develop treatment plans for patients in need of comprehensive care
5. To develop an appropriate maintenance plan for patients receiving comprehensive care
6. To interact appropriately with specialists and request consultation when needed

Geriatric Care at Highland Hospital

Each resident is required to complete eight one-half day sessions at the Highland Hospital Dental Clinic, with focus on geriatric care.

Rotation and Residents Supervisor: Dr. Adina Jucan

Objectives:

1. Enhance skills in identifying pathologic and age-related oral conditions of the elderly patients who suffer from a variety of medical, physical, and mental status disorders
2. Better assess oral health needs and then develop treatment plans, which are rational and appropriate for geriatric patients
3. Improve skills in performing indicated routine dental procedures

Oral Medicine Rotation

This is a collaboration between the Division of General Dentistry and the Division of Oral Medicine. The rotation is composed of two distinct sections: Clinical Experiences and Integrative Learning Experiences.

Rotation and Residents Supervisor: Dr. Sharon Elad

Objectives:

1. Absorb the essence of oral medicine for patients with orofacial, non-odontogenic diseases. This includes the diagnosis and management of patients with diseases such as:

- a. acute disease (eg. herpetic gingivostomatitis, erythema multiforme)
- b. chronic mucosal disease (eg. vesiculo-bullous diseases)
- c. salivary gland disease (eg. Sjögren syndrome, cGVHD)
- d. orofacial pain and neurosensory dysfunction conditions (eg. BMS)
- e. oral manifestations of systemic diseases (eg. sarcoidosis, Crohn)
- f. oral infections (eg. candidiasis, viral infections)

2. Follow and understand consultations for dental and medical professionals. This may include the following:

- a. diagnosing and managing patients with conditions as outlined above
- b. managing cancer therapy-related oral complications

- c. diagnosing and managing odontogenic infections in medically complex patients
- d. performing bed-side consults for in-patients with oral lesions
- e. performing dental evaluations in patients in preparation for organ transplantation and head and neck cancer therapy

3. Apply scientific principles to learning and patient care. This is obtained through critical thinking and self-learning, that includes:

- a. reading and critically interpreting the scientific literature
- b. reviewing literature on topics related to the experience during the rotation
- c. be aware of evidence-based decisions regarding patient care

Periodontology/Implantology Rotation

In the Periodontology program each resident is required to complete four one-half day sessions per year.

Rotation and Residents Supervisor: Dr. Jack Caton

Objectives:

1. To enhance skills in Periodontal diagnosis
2. To enhance skills in Advanced Periodontal Surgery including grafting techniques.
3. To enhance skills and knowledge in Implantology.

Radiology Rotation

Each resident is required to complete one session in Oral Radiology.

Rotation and Residents Supervisor: Dr. Michael Yunker

Objectives:

1. To enhance skills in taking quality, peri-apical, and panoramic radiograph.
2. To enhance skill in evaluating radiographs for quality.
3. To enhance skill in properly positioning radiographs in x-ray mount.

OPTIONAL (ELECTIVE) ROTATIONS

Extended Community Dentistry Rotation

The residents participate in a rotation in the Community Dentistry Department (offsite) at University of Rochester Eastman Institute for Oral Health. It is a 4 to 26 week rotation of 1/2 day per week, or a two-week fulltime experience. They receive additional instruction through dental department seminars, literature reviews, case presentations, general practice presentations, and orientation lectures. Residents also participate in a formal course; Advanced Pediatric Dentistry.

Rotation and Residents Supervisor: Dr. Sangeeta Gajendra

Objectives:

1. To allow residents with a special interest in community dentistry to develop a more in-depth understanding of this field and enhance their skills.
2. To have an increased understanding from a dental public health standpoint in the management of underserved patients.
3. To help residents understand the development and management of community-based programs

Extended Geriatric Dentistry Rotation

AEGD residents rotate to a nursing home (Jewish Home or Highland Hospital) for a minimum of 1/2 day per week for 1-2 years. Residents work under the supervision of a faculty dentist who supervise provision of care and evaluate performance.

Rotation and Residents Supervisor: Dr. Mayer

Objectives:

1. To develop a more in-depth understanding and skill in management of the geriatric patient.
2. When necessary, work with other dental and medical geriatric health care team members to carry out treatment protocols specialized for ill elderly patients, including use of oral sedation and use of special equipment including wheelchair lift and headrest.
3. To develop preventive oral care plans which accommodate for reduced capabilities and the increased dependence of geriatric nursing home residents.

Orthodontic Rotation

Each resident has the opportunity to spend one ½ day session per week for 1-3 months in the orthodontic program. The AEGD resident will assist the orthodontic resident clinically and participate in seminars.

Rotation and Residents Supervisor: Dr. Malik

Objectives:

1. To have an improved understanding of what type of malocclusions are correctable with orthodontic treatment, and the approximate time for treatment as well as alternative treatments.
2. To develop skills in consulting with the specialists in orthodontics.
3. To understand the possibilities and limitations of orthodontic tooth movement.
4. To develop skills, knowledge, and the ability to collect the data necessary to analyze orthodontic records.
5. To have an improved understanding of orthodontic examination protocols and procedures.
6. To understand the basic diagnosis, treatment planning and therapy on orthodontics.
7. To have a clear understanding of the types of malocclusions that are correctable with orthodontic treatment, the approximate time for treatment, and alternative treatments.

Pediatric Dentistry Rotation (elective)

Each resident will participate in a rotation in the Pediatric Department at University of Rochester Eastman Institute for Oral Health. It is a four-week rotation (1/2 day per week, extended rotation is available). Additional instruction is provided through dental department seminars, literature reviews, case presentations, general practice presentations, and orientation lectures. Residents also participate in a formal course, Advanced Pediatric Dentistry.

Rotation and Residents Supervisor: Drs. Sean McLaren & Cynthia Wong

Objectives:

1. The resident is expected to develop skills in the management and treatment of dental conditions in the pediatric patient
2. The resident is expected to become familiar with behavioral management techniques for the pediatric patient
3. The resident is expected to have the knowledge and ability to appropriately administer local anesthetics to the pediatric patient
4. The resident is expected to develop skills in diagnosing the need for placement of stainless steel crowns.
5. The resident is expected to be skilled in preventive therapy for the pediatric patient.

Prosthodontic Rotation: Each resident will have the opportunity to spend ½ day per week for one to three months in the prosthodontic residency program.

Rotation and Residents Supervisor: Dr. Carlo Ercoli

Objectives:

1. To increase knowledge regarding management of complex prosthodontic cases
2. To increase knowledge and skills in treatment planning for patients with complex prosthodontic needs

Research Rotation: Elective for Residents in the 1-Year Program

This is an elective for those residents in the 1-year program. After completion of the Research Workshop, residents are given 4 hours per week for 3 months to develop a research protocol. The protocol will be presented and discussed in the Research Seminar series. Upon completion and approval of the research protocol, residents obtain 8 hours per week to work on their research project for the remainder of their program, i.e. until the time of their results presentation. The selection of a research area is only limited by the availability of a research mentor. The execution of the project is supervised by the selected research mentor and progress is also monitored by an assigned research facilitator.

Rotation and Residents Supervisor: Dr. Yanfang Ren

Objectives:

1. Select a research topic and formulate a research question
2. Provide background and rationale for the project and design a research method
3. Write a research protocol
4. Execute and complete the research project
5. Summarize and present results

Extended Periodontology

In the periodontology program, residents have an opportunity to further expand their knowledge and skills in periodontology by completing 2 to 12 more sessions in the Periodontology program.

Rotation and Residents Supervisor: Dr. Jack Caton

Objectives:

1. To gain additional skills in properly diagnosing and managing periodontal disease
2. To develop advanced surgical skills and techniques in managing periodontal disease

Extended Implantology Rotation

In the Periodontology program residents with an interest in Implantology have the opportunity to have an additional 2 to 12 more sessions in the implant clinic.

Rotation and Residents Supervisor: Dr. Jack Caton

Objectives:

1. To gain significant skills and knowledge to properly treatment plan and select implant components
2. To enhance knowledge in advanced implant surgery

Oral Surgery Rotation at SMH

The residents have the opportunity to have a two week or one day per week for two months rotation in the oral surgery program at SMH. Residents will participate in the daily activities of the Division of Oral Surgery, under the direction of the Division Chief of OMFS. This will include rounds, patient consultation, and medical risks assessment, patient care in the operating room, IV sedation and out-patient surgical procedures.

Rotation and Resident Supervisor: Dr. Kolokythas

Objectives:

1. To increase understanding of Oral Surgery procedures performed at the Hospital
2. To increase understanding of Hospital procedures and policies
3. To enhance skills and/or knowledge in treatment planning, soft tissue management and clinical technique when performing Oral Surgery procedures.
4. Increased skills in medical risk assessment of patients who will undergo oral maxilla-facial surgery procedures.
5. Increased understanding of hospital protocol and policies.
6. Increased skills in performing surgical procedures, including removal of bony and soft tissue impacted third molars, biopsies and alveoloplasty.
7. Increased skills in the management of the fearful patient with the use of conscious sedation

Operating Room in the Hospital

Each resident may complete two sessions in the operating room at SMH, when dental care is provided to developmentally disabled patients.

Rotation and Residents Supervisor: Dr. Wayne Lipschitz

Objectives:

1. To enhance the resident's understanding of operating room procedures and policies
2. To enhance understanding of how proper airway is established for operating room procedures
3. To enhance understanding of anesthesia in the operating room
4. To enhance understanding of how general dentistry is performed in the operating room under general anesthesia

Special Care Clinic (Complex Care Center)

The resident has the opportunity to have an elective rotation in the Special Care Clinic Culver Complex Care Center.

Rotation and Residents Supervisor: Dr. Adela Planerova

Objectives:

1. To perform a comprehensive work-up of patients with developmental disabilities
2. Assess oral health needs and develop treatment plans, which are rational and appropriate for patients with developmental disabilities
3. Perform indicated routine dental procedures
4. When necessary, work with other dental and medical health care team members to carry out treatment protocols specialized for developmentally disabled patients
5. Develop preventive oral care plans, which accommodate for the reduced capabilities of the developmentally disabled population.

Private Practice Rotation

Each resident has an opportunity to spend four half days in a private practice.

Rotation and Residents Supervisor: The EIOH Faculty

Objectives:

1. To better understand the management of a private practice
2. To be able to understand different systems of staff utilization in a private practice

Dental Laboratory Rotation

Each resident has an opportunity to spend 4 half days at a commercial dental laboratory of their choice.

Rotation and Residents Supervisor: Manager of a commercial dental laboratory

Objectives:

1. To enhance understanding how to communicate and work with a commercial dental laboratory a commercial dental laboratory
2. To increase knowledge in modern techniques of fixed and removable laboratory work

The objective of this rotations are shared with the commercial dental laboratory manager.

Rotation in the Pediatric Clinic/Fellowship

The resident has the opportunity to have an elective rotation in the Pediatric Clinic and Special Care Clinic Culver Complex Care Center.

Each residents that select this rotation will spend one day per week in the Operating room with one of the pediatric faculty member and one day per week at the Culver Complex Center (Special Care) to expose the residents to pediatric/special care and manage their dental needs.

Rotation and Residents Supervisors: Drs. Sean McLaren, Cynthia Wong and Adela Planerova

Objectives:

1. To enhance the residents' skills in managing pediatric patients
2. To enhance residents' skills in managing patients with special needs
3. To enable the residents to manage patients with special needs from very young to adult.
4. To perform a comprehensive work-up of patients with developmental disabilities
5. Assess oral health needs and develop treatment plans, which are rational and appropriate for patients with developmental disabilities
6. Perform indicated routine dental procedures
7. When necessary, work with other dental and medical health care team members to carry out treatment protocols specialized for patients with developmental disabilities.
8. Develop preventive oral care plans, which accommodate for the reduced capabilities of the population with developmental disabilities.

Teaching Assistant Rotation

The residents that have the appropriate educational background and experience and have an interest in gaining experience in teaching maybe offered the opportunity to function as a Teaching Assistant in the AEGD or GPR program by the Program Director. This rotation would be 0.5-1 day per week for 3-12 months per year.

Rotation and Residents Supervisor: Dr. Malmstrom

Objectives:

1. To enhance the residents experience and skills in clinical teaching
2. To enhance residents understanding of responsibilities and requirements of clinical teaching.

Rotation in Orofacial Pain

Each resident may complete a few sessions in the Orofacial Pain Department, when dental care is provided to patients with Orofacial pain. To fulfill the requirement, the residents are expected to be present in the clinic during their assigned time, and to attend any case presentations/didactic activities that may take place in the department during their rotation.

Rotation and Residents Supervisor: Dr. Junad Khan

Objectives:

1. To identify basic mechanisms and the anatomic, physiologic, neurologic, vascular, behavioral, and psychosocial aspects of orofacial pain
2. To observe and describe multidisciplinary/interdisciplinary management of orofacial pain
3. To observe and describe the procedures involved in the diagnosis of orofacial pain
4. To observe and explain the treatment/management of orofacial pain