

ROTATIONS

Required Rotations

1. Emergency Rotation. Each resident has a 52 week rotation approximate (8 hours per week for First-Year Resident and 4 hours per week for Second-Year Residents) in emergency. Additional instruction is received through dental department seminars, literature reviews, case presentations, general practice presentations, and orientation lectures.

Objectives:

1. Develop skills in the evaluation and diagnosis of simple and complex dental emergency problems.
2. Become skilled in dental emergency problems including pulpectomies, extractions, excavating caries and placing temporary restorations.
3. Become skilled in time management when evaluating and treating emergency patients.
4. Become skilled in developing appropriate treatment plans for patients with emergency problems.

2. Oral Surgery Rotation at EDC. Each resident has a 3 month rotation (8 hours per week) 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 presentation.

Objectives:

1. To expose the residents to the complexities of Oral and Maxillofacial Surgery.
2. To enhance skills in acquiring adequate consultation with other medical and dental specialists for management of a patient requiring dental or surgical care.
3. To significantly improve skills in the surgical removal of partially impacted and soft tissue impacted third molars.
4. To enhance skills in pre-prosthetic and alveoplastic 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

3. Research Rotation. Mandatory for residents in the 2 year program only. After completion of the Research Workshop, residents obtain 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 (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.

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.

4. 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, the first year will be for 32 hours per week, the second year will consist of 28 hours per week.

The residents will 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 specialists form other including periodontology, orthodontics, endodontics, prosthodontics, oral surgery, and oral pathology. Specialists in these areas are available on floor in the clinic. The resident will develop skills in managing comprehensive care patients including maintenance phase and protocol.

Objectives:

1. To perform a comprehensive work-up of patient for dental care.
2. To provide high quality care in the areas of periodontology, restorative, fixed and removable prosthodontics, oral surgery, endodontics, and integrated this to 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 ask for consultation when needed.

5. Community Dentistry Rotation. Each resident is required to complete a two week rotation (Monday – Thursday).

Objectives:

1. The resident is expected to become familiar with the function of community outreach program.
2. To become familiar with behavioral management techniques of the school age pediatric patient, as well as management of adult individuals with a multicultural, ethnic heritage.
3. The resident is expected to be skilled in preventive program from a public health standpoint.

6. Geriatric Care at MCH – Each resident is required to complete two sessions under the direction of Dr. Lin Saunders.

Objectives:

1. Identify pathologic and age-related oral conditions of nursing home residents who suffer from a variety of medical, physical, and mental status disorders.
2. Assess oral health needs and then develop treatment plans, which are rational and appropriate for geriatric patients.
3. Perform indicated routine dental procedures.

7. Periodontology – In the Periodontology program each resident is required to complete two sessions.

Objectives:

1. To enhance skills in Periodontal diagnoses
2. To enhance skills in Advanced Periodontal Surgery including grafting techniques.

8. Implantology- Surgical implant evaluation and treatment in the Periodontology program. Each resident is required to complete two sessions.

Objectives:

1. To enhance skills in treatment planning of dental implant patients.
2. To increase understanding of surgical procedure for placement of dental implants.
3. To be exposed to different implant systems and surgical techniques.

9. Administrative/Library Rotation- Each resident is assigned ½ day per week for administrative (chart documentation, treatment planning, laboratory work and library work). It is expected that every week at the end of this session:

1. *All records should have been completed and returned to the record room.*
2. *All outstanding PVS's forms returned to patient accounting office.*
3. *All outstanding pre-approvals completed and returned to patient-services.*

Objective:

To better understand the administrative responsibilities of a private practice.

10. Implantology- Surgical implant evaluation and treatment in the general dentistry program. Each resident is required to complete two sessions.

Objectives:

1. To enhance skills in treatment planning of dental implant patients.
2. To increase understanding of surgical procedure for placement of dental implants.
3. To be exposed to different implant systems and surgical techniques.

ELECTIVE ROTATIONS

1. Extended Community Dentistry Rotation. The residents participate in a rotation in the Community Dentistry Department (offsite) at University of Rochester Eastman Dental Center. It is a 4-26 week rotation x 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.

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 administrative understanding of management of underserved patients from a public health standpoint.

2. Extended Geriatric Dentistry Rotation. UREDC residents rotate to a nursing home (Monroe Community Hospital or Jewish Home) for a minimum of 1/2 day per week for 2 months. Residents work under the supervision of UREDC faculty who supervise their provision of care and evaluate their performance.

Objectives:

1. To develop a more in depth understanding and skills 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 head rest.
3. Develop preventive oral care plans which accommodate for reduced capabilities and increased dependence of geriatric nursing home residents.

3. Orthodontic Rotation. Each resident have the opportunity to spend a day per week for 1-3 months in the orthodontic program. The AEGD resident will assist the orthodontic resident clinically participate in the placement of brackets and performing adjustments.

Objectives:

1. To participate in a diagnostic work-up for a patient in need of minor orthodontic treatment.
2. Under direct supervision and instruction of the orthodontic resident and faculty, appropriately place brackets, bands, and wires on patients needing minor orthodontic care.
3. Under direct supervision and instruction of the orthodontic resident and faculty, to properly adjust wires.
4. To have a clear understanding of what type of malocclusions are correctable with orthodontic treatment, and the approximate time for treatment as well as alternative treatments.

4. Orthodontic Rotation. The second year residents can elect to have a rotation for one semester (one-half day per week) in the Orthodontic Program. Additional instruction is received through dental department seminars, literature reviews, case presentations, general practice presentations, and a formal course; Orthodontics for the General Dentist.

Objectives:

1. To develop skills in consulting with the specialists in orthodontics.
2. To understand the possibilities and limitations of orthodontic tooth movement.
3. To develop skills, knowledge, and the ability to collect the data necessary to analyze orthodontic records.
4. To have a clear understanding of orthodontic examination protocols and procedures
5. To understand the basic diagnosis, treatment planning and therapy on orthodontics

5. Pediatric Dentistry Rotation (elective). Each resident will participate in a rotation in the Pediatric Department at University of Rochester Eastman Dental Center. 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

Objectives:

1. The resident is expected to develop skills in the management and treatment of dental conditions as presented in a pediatric patient.
2. The resident is expected to become familiar with behavioral management techniques of 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 a pediatric patient.

6. Prosthodontic Laboratory Rotation (Fixed and Removable). Residents will participate in 4-1/2 day sessions in the General Dentistry Laboratory. Instruction is received through literature review, demonstration, practical exercises on mannequin teeth, and laboratory exercises. Resident's progress and skill level will be directly critiqued on an ongoing basis by the course director.

Objectives:

1. Review/know the principles of tooth preparation for porcelain-metal restorations.
2. Review/know the principles of complete denture fabrication.
3. Obtain first-hand knowledge of laboratory fabrication procedures for PFM crowns and complete dentures, and other topics as requested.

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

Objectives:

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

8. Salivary Dysfunction Rotation. Each resident will spend a half day per week on Friday morning for six weeks treating patients under the supervision of faculty in the Salivary Dysfunction Center at Strong Memorial Hospital Department of Clinical Dentistry. On completion of the six week period the student will be expected to do a case presentation of a patient seen in the center to the Salivary Dysfunction Case Conference which will take place once every six weeks.

Objectives:

1. Complete a comprehensive work-up on patients who present to the Salivary Dysfunction Center. This work-up will include history taking, extra and intra-oral examinations, specific examination of the salivary glands and salivary sampling.
2. Perform salivary sampling including the following: whole saliva sampling, parotid stimulated and unstimulated sampling and submandibular stimulated and unstimulated sampling.
3. Develop a diagnosis and treatment plan for patients who present to the Salivary Dysfunction Center.
4. Understand and utilize special diagnostic tests used in the treatment of these patients including blood chemistry, immunological profiles, technethium scans, and other salivary imaging techniques.
5. Make treatment recommendations for these patients including special attention to diet, caries control, and use of saliva substitutions and systematic therapy.

9. Research Rotation. This is an elective for those residents in the 1 year program. After completion of the Research Workshop, residents obtain 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.

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.

10. 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.

Objectives:

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

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

Objectives:

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

12. 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.

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 regard to treatment planning, soft tissue management and clinical technique when performing Oral Surgery procedures.

13. 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.

Objectives:

1. To enhance the residents 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 how to maintain anesthesia in the operating room.
4. To enhance understanding of how general dentistry is performed in the operating room under general anesthesia.

14. Developmental Disabled Clinic. Each resident is required to complete two sessions at the Developmental Disabled Clinic at MCH.

Objectives:

1. To perform a comprehensive work-up of patients with developmental disabilities.
2. Assess oral health needs and then 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 developmental disabled patients.
5. Develop preventive oral care plans, which accommodate for reduced capabilities of the developmentally disabled.

15. Oak Orchard Community Health Center. Each resident have an opportunity to sign-up for a rotation to Oak Orchard Community Health Center. This new integrated Medical and Dental Health Center will accommodate residents for 3-12 months rotations for one or two days each per week. It has brand new dental equipment and a large patient pool. The residents have their own

dental assistant. This rotation simulates a private practice environment in a rural community. Residents would have the opportunity to learn about the community Health Centers outreach programs in a rural community.

Objectives:

1. Increased understanding of how a community health centers function in the rural community.
2. Increased skills in interacting with other health professionals.

16. Private Practice Rotation. Each resident has an opportunity to spend four half days in a private practice.

Objectives:

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

17. Dental Laboratory Rotation. Each resident has an opportunity to spend 4 ½ days at a commercial dental laboratory of their choice.

Objectives:

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

18. Oral Surgery Rotation at SMH (elective). Each resident is required to spend two weeks with the Oral maxillo-facial surgery program at SMH. Residents will participate in the daily activities of the Division of Oral Surgery, under the direction of Dr. Lee Pollan (the Division Chief of OMFS). This will include rounds, patient consultation, medical risk assessment, patient care in the operating room, IV sedation and out-patient surgical procedures.

Objectives:

1. Increased skills in medical risk assessments of patients who will undergo oral maxillo-facial surgery procedures.
2. Increased understanding of hospital protocol and policies.
3. Increased skills in performing surgical procedures, including removal of partially bony and soft tissue impacted third molars, biopsies and alveoloplasty.
4. Increased skills in the management of the fearful patient with the use of conscious sedation.

19. On-Call Service-(elective). All one-year AEGD residents (GME funded) are required to participate in five on call sessions, four weekdays and one weekend session. The AEGD resident will be on call together with a GPR resident.

Objectives:

1. To increase the residents knowledge in regard to medical emergency room operation.
2. To increase skills in managing dental trauma.