

Nassau University Medical Center
Department of Dental Medicine and Oral Surgery

Division of Dental Medicine - General Practice Dentistry Residency Training Program
Curriculum Content - Goals and Objectives

| Discipline/Subject Area | The curriculum in this area is intended to enable the resident to: |
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| A. Patient Assessment and Diagnosis | Assess and/or diagnose the patient's dental and medical condition in order to provide optimum patient focused dental care. |
| B. Planning and Providing Comprehensive Multidisciplinary Oral Health Care | Develop and provide a comprehensive multidisciplinary treatment plan - thereby rendering patient focused care that is coordinated by the general practitioner offering the potential for optimum oral health. Residents will be trained to coordinate dental, medical, psychological and social needs in order to fulfill this goal. |
| C. Obtaining Informed Consent | Understand the importance of informed consent prior to initiating procedures on a patient. The residents are trained to explain and discuss with patients, parents or guardians of patients - findings, diagnoses, treatment options, realistic treatment expectations, patient responsibilities, time requirements, sequence of treatment, estimated fees and payment responsibilities in order to establish a therapeutic alliance between the dentist and patient. |
| D. Promoting Oral and Systemic Health and Disease Prevention | Use accepted prevention strategies such as oral hygiene instruction, sealants, nutritional education and pharmacological intervention to help patient maintain and improve their oral and systemic health. In addition, the resident shall make referrals for consultation and treatment as indicated. |
| E. Sedation, Pain and Anxiety Control | 1. Evaluate the need for use of behavioral and/or pharmacological modalities in management of pain and anxiety based upon psychosocial factors and anticipated clinical procedures. 2. Use pharmacological agents in the treatment of dental patients. 3. Provide control of pain and anxiety in the conscious patient through the use of psychological interventions, behavior management techniques, local anesthesia, and oral nitrous oxide conscious sedation techniques. 4. Prevent, recognize and manage complications related to the use and interactions of drugs used to sedate patient and control pain and anxiety. 5. Be knowledgeable in the control of pain and anxiety in the conscious patient through the used of parenteral conscious sedation techniques. |
| F. Restoration of Teeth | 1. Restore teeth both functionally and esthetically using an acceptable range of materials and methods. 2. Place restorations and perform techniques to enhance facial esthetics. 3. Restore endodontically treated teeth. |
| G. Replacement of Teeth using Fixed and Removable Appliances | 1. Increase the resident's ability to diagnose, evaluate, plan and treat patients who require tooth replacement using removable and/or fixed prostheses. 2. Increase the resident's ability to understand, diagnose, plan and treat patients requiring uncomplicated dental implant restorations and implant complications. 3. Communicate effectively with a dental laboratory. |
| H. Periodontal Therapy | 1. Examine, diagnose and classify periodontal disease utilizing clinical and radiographic information. 2. Treat and manage mild and moderate periodontal disease, utilizing surgical and non-surgical approaches to care. 3. Recognize and manage periodontal emergencies and complications of periodontal treatment. 4. Understand the principles of implant dentistry and utilize this knowledge in the evaluation and treatment of patients. 5. Evaluate the results of periodontal treatment and establish and monitor a periodontal maintenance program. |
| I. Pulpal Therapy | 1. Diagnose and treat pain of pulpal origin. 2. Recognize and manage uncomplicated endodontic situations and emergencies. 3. Perform routine endodontic treatment by providing an extensive knowledge in endodontics. 4. Manage endodontic complications. |
| J. Hard and Soft Tissue Surgery | 1. Diagnose oral and facial pain of hard and soft tissue origin. 2. Diagnose and manage common oral pathological abnormalities. 3. Perform biopsies of oral tissues. 4. Perform surgical and non-surgical extraction of erupted teeth. 5. Extract uncomplicated impacted wisdom teeth. 6. Recognize and manage minor traumatic and surgical emergencies and complications of Intraoral surgical treatment. 7. Be more knowledgeable in the treatment of the medically compromised patient. |

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| K. Treatment of Dental and Medical Emergencies | 1. Diagnose and treat dental emergencies. 2. Become more knowledgeable in the treatment and management of oral-facial emergencies, infections and acute oral pathological conditions. 3. Become more knowledgeable in the treatment and management of dental trauma. 4. Anticipate, diagnose and provide initial treatment and follow-up management for medical emergencies that may occur during dental treatment. 5. Attain the skill and knowledge to review a medical history and to recognize factors which may predispose a patient to medical risk. |
| L. Medical Risk Assessment | 1. Select and use assessment techniques to evaluate a patient's medical, physical and emotional ability to safely tolerate dental treatment. 2. Identify the need for medical consultation. 3. Treat patients with a broad variety of acute and chronic systemic disorders and social difficulties, including patients with special needs. |

*Nature of Assignments to other Departments
Goals and Objectives*

| Rotation | The curriculum in this area is intended to enable the resident to: |
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| Emergency Medicine/ Primary Care Rotation 70 hours (experience in the hospital's emergency room) | 1. To enable the resident to review a medical history with skill and knowledge and make appropriate referrals for medical consultation. 2. To enable the resident to anticipate and manage medical emergencies and to recognize factors which may predispose the patient to an emergency during dental treatment. 3. To enable the resident to make appropriate treatment decision based on the patient's medical condition. 4. To enable the resident to understand hospital protocol. |
| Anesthesia Rotation 70 hours (experience in the hospital's operating room) | 1. To expand the resident's knowledge of anesthesia techniques and their appropriate indication. 2. To receive experience in airway management, patient monitoring, venipuncture and intubation. 3. To understand the pharmacological basis of those drugs employed in the induction and maintenance of anesthesia. 4. To understand hospital OR protocol. 5. To provide residents with experience in the anticipation, recognition and management of medical emergencies. |