

## **HCMC Competency Statements For Dental General Practice Residency: 2023-2024**

**A graduate of Hennepin County Medical Center's General Practice Residency Program will possess the knowledge and skills to:**

### **General Practice Management**

1. Act as a primary oral health care provider by delivering emergency and multidisciplinary comprehensive health care in a patient-centered manner.
2. Evaluate scientific literature and apply the information to make clinical evidence based decisions.
3. Function effectively within interdisciplinary health care teams, including appropriate consultation and referral.
4. Provide and coordinate patient-focused oral health care.

### **Diagnosis and Prevention of Disease**

5. Assess, diagnose, and plan for the provision of multidisciplinary oral health care for a wide variety of patients including those with special needs
6. Develop and implement prevention and management strategies for oral disease including caries (caries risk) and periodontal disease (periodontal risk) in all populations.
7. Perform a medical and dental history, physical evaluation and assess social history to establish a risk assessment for use in the development of a dental treatment plan.

### **Treatment Planning of Oral Disease**

8. Develop and carry out dental treatment plans for patients in a patient centered manner that considers and integrates the patients' medical, psychological, cultural, and social needs.
9. Understand the process and obtain informed consent for dental treatment by discussing with patients, parents, guardians, or families, the following: findings, diagnosis, risks, benefits, alternatives, and process for various treatment options.
10. Integrate multiple disciplines into patient centered comprehensive sequenced treatment plans
11. Modify the treatment plan based on therapeutic outcomes, unexpected circumstances, or the patient's individual needs.

### **General Dentistry and Hospital Dentistry**

12. Treat patients with a broad variety of acute and chronic system disorders and health disparities including patients with special needs.
13. Provide control of pain and anxiety through the use of behavior management techniques, local anesthesia, and nitrous oxide conscious sedation techniques.
14. Provide dental treatment in an operating room.
15. Provide comprehensive management and care for inpatients and same-day surgery patients.

### **Oral and Maxillofacial Surgery and Management of Medical and Dental Emergencies**

16. Treat patients with uncomplicated intraoral emergencies and infections.
17. Evaluate, and initially manage patients with extra oral and complex intraoral emergencies and infections.
18. Evaluate, diagnose and manage oral mucosal lesions.
19. Perform biopsies of oral tissues.
20. Perform simple and uncomplicated surgical extraction of teeth.
21. Evaluate and manage impacted teeth.
22. Recognize manifestations of systemic disease and how the disease and its management may affect the delivery of dental care.
23. Evaluate and manage intraoral hard and soft tissue lesions of traumatic origin.

### **Management of Oral and Facial Pain**

24. Understand the contributing social, physical, and psychological factors associated with temporomandibular disorders and oral facial pain.
25. Assess and manage patient's oral and facial pain.
26. Diagnose and non-surgically treat uncomplicated temporomandibular disorders.

### **Restorative Dentistry and Prosthodontics**

- 27. Restore teeth using a functionally acceptable range of materials and methods, taking into account risk assessment and individual needs.
- 28. Treat patients with missing teeth using removable dental prosthetics.
- 29. Treat patients with missing teeth or missing tooth structure using fixed dental prosthetics.
- 30. Treat patients with missing teeth using uncomplicated dental implant prosthetics.
- 31. Expose residents to various data acquisition and computer aided design technologies to plan and produce surgical guides and dental restorations.

### **Endodontics**

- 32. Diagnose and treat pain of pulpal origins.
- 33. Perform nonsurgical endodontic therapy on single and multi-rooted teeth.
- 34. Treat uncomplicated endodontic complications.

### **Pediatric Dentistry**

- 35. Understand and apply infant oral health guidelines, caries risk assessment, anticipatory guidance, and nutrition/hygiene motivational interviewing in the management of the developing dentition.
- 36. Provide and manage age-appropriate treatment plans that include consideration for behavior guidance techniques.
- 37. Appropriately modify drug dosages for pediatric patients (including local anesthetics, antibiotics, analgesics and fluoride).
- 38. Treat intra and extra-coronal defects in the primary dentition and gain exposure to nonsurgical dental management techniques.
- 39. Assess pulpal health status of primary and immature permanent teeth and perform therapy when indicated.

### **Periodontics**

- 40. Diagnose & treat early and moderate periodontal disease using surgical & nonsurgical procedures.
- 41. Diagnose and manage advanced periodontal disease.
- 42. Evaluate the results of periodontal treatment and establish and monitor a periodontal maintenance program.