

## **Endodontics**

### **Student Learning Outcomes**

- 1.1 Evaluate and integrate emerging trends in health care and the field of Endodontology
- 1.2 Utilize critical thinking and problem-solving skills.
- 1.3 Evaluate and integrate best research outcomes with clinical expertise and patient values for evidence-based practice.
- 1.4 Apply research principles to answer an original research question
- 2.1 Apply ethical and legal standards in the provision of dental care.
- 2.2 Practice within one's scope of competence and consult with or refer to professional colleagues when indicated.
- 3.1 Apply appropriate interpersonal and communication skills.
- 3.2 Apply psychosocial and behavioral principles in patient-centered health care.
- 3.3 Communicate effectively with individuals from diverse populations.
- 3.4 Communicate endodontic skills and endodontic scope of practice effectively to your dental professionals and professional colleagues
- 4.1 Provide prevention, intervention, and educational strategies.
- 4.2 Participate with dental team members and other health care professionals in the management and health promotion of all patients.
- 4.3 Recognize and appreciate the need to contribute to the improvement of oral health beyond those served In traditional practice settings.
- 5.1 Evaluate and apply contemporary and emerging information including clinical and practice management technology resources.
- 5.2 Evaluate and manage current models of oral health care management and delivery.
- 5.3 Apply principles of risk management, including informed consent and appropriate record keeping in patient care.
- 5.4 Demonstrate effective business, financial management and human resource skills.
- 5.5 Demonstrate ability to conduct self-assessment, and use to set performance goals.
- 6.1 Manage the endodontic oral health care of the child, adolescent, and adult, as well as the unique needs of the medically compromised and special needs patients.
- 6.2 Prevent, identify, and manage trauma, oral disease and other disorder of pulpal and periradicular origin.
- 6.3 Obtain and interpret patient/medical data, including a thorough intra/extraoral examination, and use these findings to accurately assess and manage all patients.
- 6.4 Select obtain, and interpret diagnostic images for the individual patient.
- 6.5 Recognize the manifestations of systemic disease and how the disease and its management may affect the delivery of endodontic dental care.
- 6.6 Formulate an endodontic diagnosis, treatment and/or referral plan for the management of patients.
- 6.8 Utilize universal infection control guidelines for all clinical procedures.
- 6.9 Prevent, diagnose, and manage pain and anxiety in the dental patient.
- 6.10 Manage endodontic procedures that preserve tooth structure, maintain function, and promote soft and hard tissue health
- 6.11 Diagnose, identify, and manage pulpal and periradicular diseases
- 6.12 Diagnose and manage endodontic surgical treatment needs.
- 6.13 Diagnose and manage endodontic retreatment needs.

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- 6.14 Prevent, recognize, and manage medical and dental emergencies.
- 6.15 Recognize and manage patient abuse and/or neglect.
- 6.16 Recognize and manage substance abuse
- 6.17 Diagnose, identify and manage oral mucosal and osseous diseases.