

COMPETENCY-BASED DENTAL EDUCATION

The following competency statements define the knowledge and skills necessary to KAUFD graduate and begin the unsupervised practice of general dentistry:

Biological Sciences

1. Graduates will be able to understand basic biological principles with emphasis on their application to the orofacial complex.
2. Graduates will be able to understand the biological and physical processes contributing to pathological conditions that impact patient care.

Behavioural Sciences

3. Graduates will be able to deliver oral health care to patients from a variety of backgrounds, stages of life and in various settings.
4. Graduates will be able to recognize and manage patient behavioural and psychological factors that affect oral health and implement strategies to facilitate the delivery of oral health care.
5. Graduates will be able to effectively communicate with both patients and other health care providers.

Practice Management

6. Graduates will be able to work in various dental settings and assess overall quality in order to facilitate the delivery of appropriate oral health care.
7. Graduates will be able to implement an effective infection control and environmental safety program that complies with regulatory standards.
8. Graduates will be able to evaluate different models of oral health care delivery.
9. Graduates will be able to coordinate and supervise allied dental health personnel in providing oral health care.

Ethics and Professionalism

10. Graduates will be able to exhibit professional integrity in their conduct and apply the principles of professional ethics, jurisprudence, and risk management to dental practice.
11. Graduates will be able to participate in improving community oral health.

Information Management and Critical Thinking

12. Graduates will be able to access and evaluate information as it relates to oral health care in a critical, scientific, and effective manner.
13. Graduates will be able to use information technology and information management systems for patient care, practice management, and professional development.
14. Graduates will be able to recognize the value and role of lifelong learning, self-assessment and critical thinking in maintaining competency.
15. Graduates will be able to maintain patient records.

Clinical Sciences

Patient Assessment

16. Graduates will be able to identify the chief complaint or reason for the patient's visit.
17. Graduates will be able to obtain a patient's medical, behavioral and dental history and assess the implications for dental care.
18. Graduates will be able to obtain informed consent.
19. Graduates will be able to perform an extraoral and intraoral examination including assessment of vital signs.
20. Graduates will be able to select, obtain and interpret clinical, radiographic, and other diagnostic information and procedures.
21. Graduates will be able to recognize signs, symptoms, and related risk factors that require consultation and/or referral to a physician or other professionals.

22. Graduates will be able to recognize the range of normal clinical findings and be able to distinguish abnormal deviations and risk factors that necessitate treatment or monitoring

Treatment and Prevention

23. Graduates will be able to diagnose and provide appropriate treatment or referral for oral diseases and conditions.
24. Graduates will be able to develop, present, and discuss individual, comprehensive, sequenced treatment plans and treatment alternatives that address all aspects of the patient's condition including patient goals, values, and concerns.
25. Graduates will be able to anticipate, detect, and provide initial treatment including Basic Life Support and follow-up management for complications and medical emergencies that may occur during or as a result of dental treatment.
26. Graduates will be able to provide care that emphasizes health promotion and prevention of oral disease.
27. Graduates will be able to recognize and manage or appropriately refer patients with special needs or disabilities.
28. Graduates will be able to manage patients with pulpal and periradicular disease of endodontic origin
29. Graduates will be able to manage patients with periodontal diseases and conditions.
30. Graduates will be able to perform uncomplicated oral and maxillofacial surgery or appropriately refer patients for complicated procedures
31. Graduates will be able to manage patients with uncomplicated functional disorders involving the occlusion and temporomandibular joints.
32. Graduates will be able to manage patients with malocclusion and perform minor tooth movement and space maintenance.
33. Graduates will be able to provide dental treatment using accepted materials and devices that restore form, function, and esthetics of defective and/or missing teeth.
34. Graduates will be able to manage patients with orofacial pain and discomfort as well as psychological distress.

35. Graduates will be able to select or administer or prescribe pharmacological agents in the treatment of dental patients.

Graduates will be able to monitor therapeutic outcomes and make alterations to patient treatment as appropriate.