

The Graduate of the OHSU School of Dentistry is competent to:

FOUNDATIONAL KNOWLEDGE

Apply established and emerging scientific principles fundamental to healthcare in the prevention, diagnosis and management of oral and systemic disease and the promotion and maintenance of oral health in patients and populations

As evidenced by the following Student Learning Outcomes:

FK 1. Demonstrate knowledge of physics, chemistry, and molecular, cellular and systems-level scientific principles of development, structure, and function to explain normal biology and pathobiology.

FK 2. Demonstrate knowledge of pathology as well as the principles of genetic, congenital, and developmental diseases and conditions and their clinical features to assess patient risk.

FK 3. Demonstrate knowledge of the biology of microorganisms in physiology and pathology, and of the cellular and molecular basis of host defense mechanisms.

FK 4. Demonstrate knowledge of physics and chemistry to explain the characteristics of technologies and materials and how they are utilized.

FK 5. Demonstrate knowledge of pharmacology in the prevention, diagnosis and management of oral and systemic disease.

FK 6. Demonstrate knowledge of sociology, psychology, ethics and other behavioral sciences.

FK 7. Demonstrate critical thinking, and understanding of quantitative methods and informatics, in the prevention, diagnosis and management of oral and systemic disease.

COMMUNICATION

COMMUNICATE with patients and health care professionals in a culturally sensitive, ethical and professional manner to determine the values, needs and preferences related to oral and systemic health

As evidenced by the following Student Learning Outcomes:

COM 1 - Interact and communicate with patients using psychological, social, and behavioral principles, recognizing how patient attributes (e.g., gender, age, race, ethnicity and special needs), social background, and values influence the provision of oral health care at all stages of life.

COM 2 – Communicate with patients/care givers to enable them to make informed decisions concerning the management of their care

COM 3 - Collaborate with dental team members and other health care professionals to promote health and manage disease in communities.

PATIENT ASSESSMENT

Through a systematic and comprehensive PATIENT ASSESSMENT, identify and record all relevant findings related to the patient's social, physical, behavioral/psychological and oral health status

As evidenced by the following Student Learning Outcomes:

PA 1 - Identify the chief complaint, identify the contributing factors and complete a history of the present illness.

PA 2 - Perform head and neck (extraoral and intraoral) and physical examinations within the scope of practice, interpreting and evaluating the clinical findings, recognizing the normal range of clinical presentation and distinguishing significant deviations that require monitoring, treatment, or management.

PA 3 - Collect and interpret information from available resources (e.g. patient history, physical exam, diagnostic tools, patient records, and other healthcare professionals) to assess and manage patients.

PA 4 - Describe the manifestations of systemic disease and the interrelationships with oral health, and how the disease and its management may affect the delivery of dental care.

PA 5 – Recognize abuse and neglect (e.g. substance, physical, emotional and/potential self-abuse) and refer for appropriate management.

DIAGNOSIS

GENERATE working/differential DIAGNOSES with supporting prognosis statements that reflect and are consistent with the assessment data, and communicate this information to the patient

As evidenced by the following Student Learning Outcomes:

Dx 1 – Formulate a comprehensive problem list

Dx 2 - Use clinical data oral abnormalities and pathology.

Dx 3 - Use etiologies, risk factors and scientific data to establish prognoses.

TREATMENT PLAN

SELECT the SEQUENCED TREATMENT PLAN in consultation with the patient that addresses each diagnosis and reflects therapies supported by evidence and including prognoses to restore health that is congruent with patient needs, patient preferences, clinical standards and provider's skill

As evidenced by the following Student Learning Outcomes:

TP 1 - Evaluate scientific literature, and integrate new knowledge and best research outcomes with patient values and other sources of information to formulate a comprehensive treatment plan and alternatives that address each diagnosis.

TP 2 - Use patient education strategies to maximize oral health and the prevention of disease.

PATIENT CARE

PROVIDE or MANAGE PATIENT CARE that is of high quality, compassionate, ethical, based upon the best current evidence and employs sound business practices

As evidenced by the following Student Learning Outcomes:

PC 1 - Restore orofacial function, structure and esthetics while promoting soft and hard tissue health by preventing and/or managing:

- a. Medical emergencies (e.g., cardiac arrest)*
- b. Dental emergencies (e.g., acute pain, hemorrhage, trauma, and infection of the orofacial complex)*
- c. Pain during treatment*
- d. Endodontic conditions, including pulpal and periradicular diseases*
- e. Caries*
- f. Periodontal diseases*
- g. Oral mucosal and osseous diseases*
- h. Restorative needs of the partially or completely edentulous patient*

- i. Oral surgical treatment needs*
- j. Developmental or acquired occlusal problems*
- k. Temporomandibular disorders*
- l. Oral esthetic needs of patients*
- m. Complications arising from the use of therapeutic and pharmacological agents in patient care*

PC 2 - Select and administer or prescribe pharmacological agents in the treatment of dental patients with consideration of patient systemic health conditions and current medications.

PC 3 - Practice within the general dentist's scope of competence and consult with or refer to professional colleagues when indicated.

PC 4 – Provide oral health care in a manner that manages risk, ensures patient safety and is consistent with jurisprudence (e.g., OSHA and HIPAA) and ethical business and financial operations requirements for dentistry and healthcare.

PC 5 - Adhere to standard precautions for infection control for all clinical procedures.

PC 6 - Communicate case design to laboratory technicians and evaluate the resultant appliance or prosthesis.

OUTCOME EVALUATION

EVALUATE and MANAGE the OUTCOME of the treatment provided and utilize these evaluations to direct professional development

As evidenced by the following Student Learning Outcomes:

EVAL 1 - Demonstrate a commitment to carrying out professional responsibilities, an adherence to ethical principles, and the qualities required to sustain lifelong personal and professional growth by evaluating outcomes of comprehensive dental care and personal level of skills and knowledge.

EVAL 2 - Evaluate the patient response to treatment in the context of emerging trends in science health care, social determinants of health, and economics and apply this information to enhance patient care, practice management, professional development, and the needs of patient populations served.

EVAL 3 - Describe the components of a catastrophe preparedness plan for the dental practice to include records, equipment, continuity of care and contributions to the community well being.