

College of Dental Medicine Programmatic Student Learning Outcomes

Competencies to be Acquired by Graduates of Roseman University of Health Sciences College of Dental Medicine

The educational mission of Roseman University of Health Sciences of Dental Medicine is to educate general dentists who can serve the oral health care needs of the public, advance the dental profession through service, scholarship and leadership, and enhance the oral health knowledge and capabilities of the communities in which our graduates practice.

Competency-Based Education

The CODM-SJ curriculum is



below each competency that identify the knowledge, technical skills, patient management skills, communication skills and professional and ethical behaviors that students must perform to demonstrate competency. The educational outcomes are indicators of the student's capacity to attain the overall competency.

The competencies apply to the assessment, management and treatment of dental patients at all life-stages: infant, child, adolescent, adult and the elderly and



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- 2 Demonstrate understanding of the ethical and professional responsibilities that dentists have to patients, employees, members of the community, and other health care providers.
- 3 Recognize and deal with ethical issues/dilemmas by applying the principles of ethical reasoning and professional responsibility.
- 4 Demonstrate professional behaviors when interacting with patients, employees, members of the community, and other health care providers.
- 5 Demonstrate understanding of ethical standards for conducting biomedical research.

Domain 2: Critical Appraisal

Competency: Graduates must use critical appraisal during patient care.

Educational Outcomes:

- 1 Retrospectively and prospectively critique patient care in order to analyze and/or propose clinical decisions, describe rationale for treatment strategies, and evaluate a range of outcomes from optimal to undesirable.
- 2 Explore uncertainties in diagnostic and/or treatment approaches by identifying questions, locating and appraising best available evidence and implementing patient therapy based on this appraisal.
- 3 Apply a critical appraisal process to analyze diagnostic and therapeutic reports in literature, continuing education programs and advertisements.
- 4 Critically appraise and apply contemporary and emerging information including clinical and practice management technology resources.

Domain 3: Self-Assessment

Competency: Graduates must be able to self-assess quality of patient care, identify learning needs and identify strategies for enhancement of professional performance.

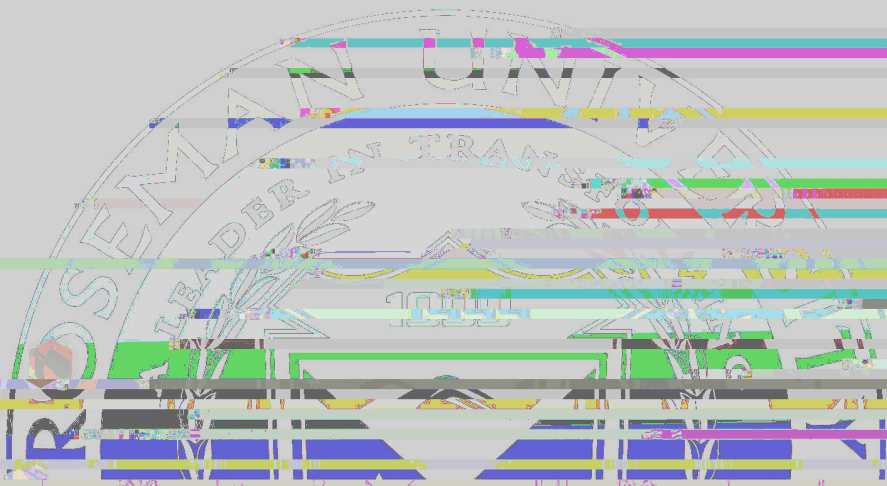
Educational Outcomes:

- 1 Assess personal progress toward overall readiness for independent dental practice and individual competencies.
- 2 Identify personal learning needs and

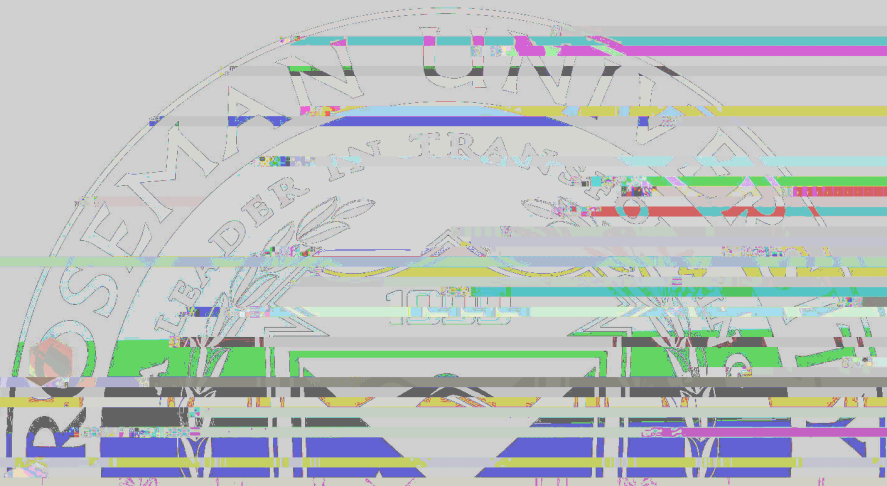
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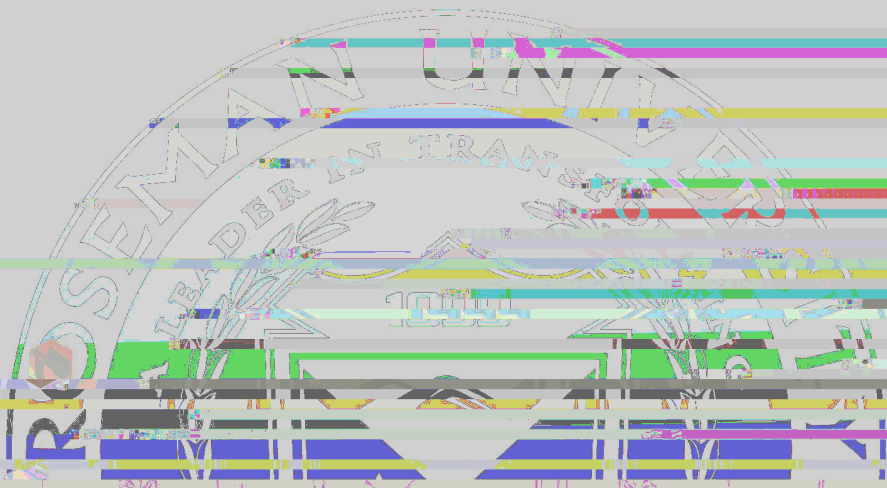
- e) medication history including inventory of current prescriptions, drug allergies and adverse drug reactions, and,
 - f) family and social history.
- 3 Identify the presence of systemic disease with oral manifestations or implications for dental care, and manage dental treatment of these patients.
 - 4 Conduct head and neck examinations, including assessment for head and neck cancer.
 - 5 Perform intraoral examinations of the hard and soft tissues of the mouth.
 - 6 Prescribe or perform radiographic,



adult, and the elderly, and for individuals with



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- 3 Recognize when a medical emergency is occurring and identify the nature of the problem.
- 4 Provide health care provider-level basic life support.
- 5 Manage the transfer of the patient to a higher level of care when indicated.
- 6 Maintain certification in CPR.

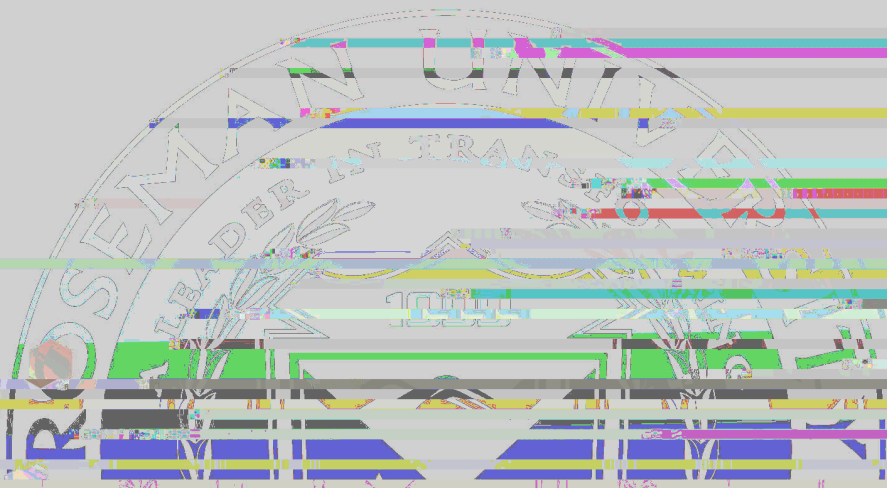
Domain 11: Dentofacial Growth and Development

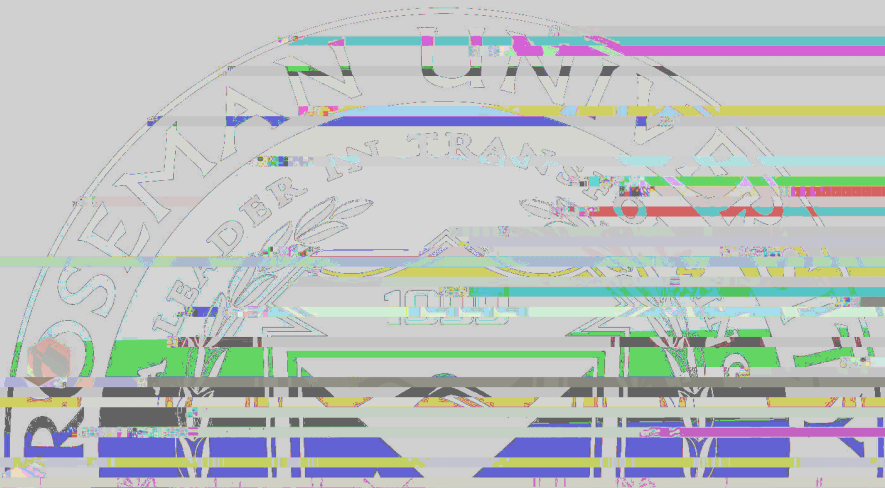
Competency: Graduates must be able to recognize and manage malalignment and malocclusion in the deciduous, mixed, and permanent dentition.

Educational Outcomes:

- 1 Evaluate the patient's dentofacial complex and occlusion, and develop a working diagnosis.
- 2 Recognize abnormal dentofacial growth and development that may create dental malalignment or malocclusion.
- 3 Recognize the need for space maintenance to retain interdental space and tooth positions.
- 4 Recognize and manage orthodontic therapy when needed to facilitate restorative treatment.
- 5 Evaluate

- 3 Evaluate the outcomes of initial periodontal therapy, reassess the diagnosis and prognosis, determine the need for additional periodontal treatment, and manage





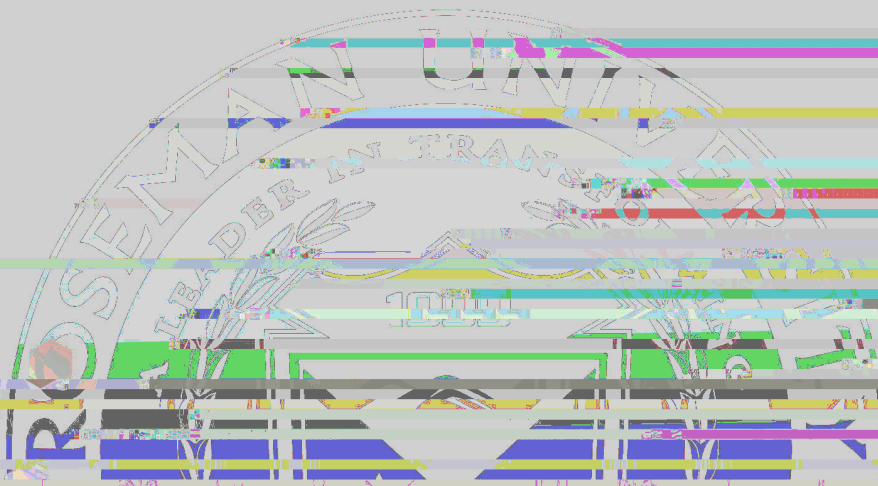
- 2 Recognize intraoral dental emergencies requiring rapid referral for emergency medical treatment or referral to an oral surgeon such as extensive jaw or dentition trauma, extensive tissue laceration, uncontrollable bleeding, swelling of the throat that impairs breathing or swallowing.

Domain 18: Dental Practice and Oral Health Care Delivery

Competency: Graduates must be able to prepare a business plan for a dental practice and demonstrate comprehension of models of oral health care delivery and financing.

Educational Outcomes:

- 1 Apply business, financial and human resource management principles in the development of a business plan for a dental practice.
- 2 Assess the impact of demographic, social, and economic trends on oral health status of the public and dental practice.
- 3 Demonstrate comprehension of the models of oral health care delivery and financing that are implemented in various environments to meet the needs of individual patients and the community.
- 4 Demonstrate comprehension of access to care, health care reform, health workforce issues, and mechanisms for financing health and oral health



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