

RDA Examination Plan

Content Area	Task Statements	Knowledge Statements
<p>1. Patient Screening and Education (15%): This area assesses the candidate's ability to review the patient's dental health by assessing medical and dental history; to note and chart the oral cavity; and, to provide instruction regarding oral hygiene, preoperative care, and postoperative care.</p>		
<p>Patient Screening and Education (15%)</p>	<p>T1. Review patient's dental and medical history.</p> <p>T2. Educate patient about behaviors that could affect oral health or dental treatment.</p> <p>T3. Monitor blood pressure and vital signs.</p> <p>T4. Inspect oral condition with mouth mirror.</p> <p>T5. Chart existing oral conditions.</p> <p>T6. Instruct patient about care and maintenance of removable appliances.</p> <p>T7. Instruct patient about home care of cemented appliances.</p> <p>T8. Instruct patient about postoperative care following therapeutic and restorative procedures.</p>	<p>K1. Knowledge of effects of dental treatment on existing medical conditions.</p> <p>K2. Knowledge of effects of coexisting medical/dental conditions on current treatment procedures.</p> <p>K3. Knowledge of effects of substance abuse on patient's physical condition.</p> <p>K4. Knowledge of possible allergic reactions and sensitivities.</p> <p>K5. Knowledge of patient management techniques.</p> <p>K6. Knowledge of techniques to prevent patient from gagging during intraoral procedures.</p> <p>K7. Knowledge of conditions requiring premedication for dental treatment.</p> <p>K8. Knowledge of effect of previous dental experiences on patient behavior.</p> <p>K9. Knowledge of effect of substance abuse on oral tissue.</p> <p>K10. Knowledge of effects of nutrition on oral tissue.</p> <p>K11. Knowledge of effects of smoking and smokeless tobacco on oral tissue.</p> <p>K12. Knowledge of purposes and effects of drugs commonly prescribed.</p> <p>K13. Knowledge of methods to assess vital signs.</p> <p>K14. Knowledge of acceptable levels of blood pressure for performance of dental procedures.</p> <p>K15. Knowledge of factors that contribute to lack of hemostasis during intraoral procedures.</p> <p>K16. Knowledge of anatomy and physiology of head, neck, and oral cavity.</p> <p>K17. Knowledge of characteristics of normal and abnormal intraoral tissue.</p> <p>K18. Knowledge of effect of tooth mobility on existing adult dentition.</p> <p>K19. Knowledge of effect of occlusal relationships on dental health.</p> <p>K20. Knowledge of classification of caries and restorations.</p> <p>K21. Knowledge of pedodontic dentition and eruption patterns.</p>

RDA Examination Plan

Content Area	Task Statements	Knowledge Statements
		K22. Knowledge of types of direct restorations. K23. Knowledge of types of indirect restorations. K24. Ability to identify different dental conditions of hard and soft tissue. K25. Knowledge of charting methods to document dental conditions. K26. Knowledge of tooth morphology for charting purposes. K27. Knowledge of instructions for care and maintenance of removable appliances. K28. Knowledge of instructions for care of cemented appliances. K29. Knowledge of instructions for postoperative care for periodontal procedures. K30. Knowledge of instructions for postoperative care for oral surgery procedures. K31. Knowledge of instructions for postoperative care after orthodontic procedures. K32. Knowledge of instructions for postoperative care after restorative procedures.
<p>2. Restorative and Esthetic Dentistry (25%): This area assesses the candidate's ability to prepare and place dental materials; to prepare the patient and equipment for general dentistry procedures; to provide assistance to the dentist during general dentistry procedures; and, to prepare and place provisional restorative materials.</p>		
Restorative and Esthetic Dentistry (25%)	T9. Place bases. T10. Place liners. T11. Place temporary sedative dressing (filling). T12. Apply etchant for bonding materials. T13. Place bonding agent. T14. Fabricate and adjust direct provisional restorations. T15. Fabricate and adjust indirect provisional restorations. T16. Prepare stainless steel crowns for provisional restorations. T17. Cement indirect provisional restorations other than veneers. T18. Cement provisional veneers.	K33. Knowledge of types of base materials. K34. Knowledge of techniques and procedures to mix and place bases. K35. Knowledge of types of liner materials. K36. Knowledge of techniques and procedures to mix and place liners. K37. Knowledge of types of sedative dressing materials (fillings). K38. Knowledge of methods to mix, place and contour sedative dressings (fillings). K39. Knowledge of types of bonding materials. K40. Knowledge of procedure for applying etchant to tooth surfaces. K41. Knowledge of techniques and procedures to place bonding agents. K42. Knowledge of irregularities in margins that affect provisional restoration. K43. Knowledge of effect of improper occlusion and tight proximal contacts on fit of temporary restoration. K44. Knowledge of methods to obtain intra-oral images for computer-

RDA Examination Plan

Content Area	Task Statements	Knowledge Statements
	<p>T19. Remove excess cement from tooth surfaces with hand instrument.</p> <p>T20. Remove indirect provisional restorations other than veneers.</p> <p>T21. Adjust removable prosthetic appliances extra-orally.</p> <p>T22. Perform in-office, non-laser bleaching procedures.</p>	<p>aided, milled restorations.</p> <p>K45. Knowledge of methods to mix, place, carve temporary restorative materials.</p> <p>K46. Knowledge of procedure to bond provisional veneers.</p> <p>K47. Knowledge of materials and techniques to fabricate provisional bridges.</p> <p>K48. Knowledge of materials and techniques to fabricate provisional crowns.</p> <p>K49. Knowledge of materials and techniques to fabricate provisional veneers.</p> <p>K50. Knowledge of procedures to prepare stainless steel crowns for provisional restorations.</p> <p>K51. Knowledge of purposes of different cements.</p> <p>K52. Knowledge of methods used to mix cements.</p> <p>K53. Knowledge of procedures to remove cement from tooth surfaces with hand instrument.</p> <p>K54. Knowledge of materials used for bonding of provisional veneers.</p> <p>K55. Knowledge of techniques and procedures to remove provisional bridges.</p> <p>K56. Knowledge of techniques and procedures to remove provisional crowns.</p> <p>K57. Knowledge of purposes and types of dental instruments.</p> <p>K58. Knowledge of rotary instruments for adjustment of provisional restorations.</p> <p>K59. Knowledge of instrument grasp and fulcrum position.</p> <p>K60. Knowledge of equipment and materials to adjust removable prosthetic appliances.</p> <p>K61. Knowledge of techniques and procedures to adjust removable prosthetic appliances extraorally.</p> <p>K62. Knowledge of effects of bleaching materials on oral tissues.</p> <p>K63. Knowledge of indications and contraindications to use bleaching materials.</p>

RDA Examination Plan

Content Area	Task Statements	Knowledge Statements
<p>3. Infection Control (25%): This area assesses the candidate's ability to apply standard and universal precautions in the disinfection and sterilization of instruments, devices, handpieces, and equipment; to perform sterilizer monitoring procedures; and, to perform infection control protocols according to regulations.</p>		
<p>Infection Control (25%)</p>	<p>T23. Wear personal protective equipment during patient-based and non-patient-based procedures.</p> <p>T24. Purge dental unit waterlines with air or water prior to attachment of devices.</p> <p>T25. Use germicides for surface disinfection.</p> <p>T26. Use surface barriers for prevention of contamination.</p> <p>T27. Use of manual cleaning procedures for instrument processing.</p> <p>T28. Use mechanical cleaning devices for instrument processing.</p> <p>T29. Use automated sterilization devices for instrument sterilization.</p> <p>T30. Disinfect laboratory and operatory equipment.</p> <p>T31. Sterilize laboratory and operatory equipment.</p> <p>T32. Use hand hygiene procedures.</p> <p>T33. Conduct biological spore testing to ensure functioning of sterilization devices.</p>	<p>K64. Knowledge of glove types and uses for clinical and non-clinical procedures.</p> <p>K65. Knowledge of glove handling and disposal.</p> <p>K66. Knowledge of types of facemasks, uses and disposal.</p> <p>K67. Knowledge of protective eyewear and/or faceshields, including uses, cleaning and disposal.</p> <p>K68. Knowledge of sequence for donning and removing personal protective attire.</p> <p>K69. Knowledge of protocols and procedures for purging dental unit waterlines and hand pieces (DUWL).</p> <p>K70. Knowledge of procedures for managing self-contained water systems.</p> <p>K71. Knowledge of decontamination procedures where surface barriers are utilized.</p> <p>K72. Knowledge of disinfection protocols and procedures for work area.</p> <p>K73. Knowledge of elements of low-level, intermediate-level and high-level disinfectants and germicides.</p> <p>K74. Knowledge of procedures for disposal of germicides.</p> <p>K75. Knowledge of procedures for manual cleaning of instruments.</p> <p>K76. Knowledge of procedures for mechanical cleaning of instruments.</p> <p>K77. Knowledge of chemical vapor, steam and dry heat automated sterilization devices.</p> <p>K78. Knowledge of procedures for use of sterilization devices.</p> <p>K79. Knowledge of protocols and procedures for instrument wrapping of critical and semi-critical instruments and devices prior sterilization.</p> <p>K80. Knowledge of properties of critical, semi-critical and non-critical instruments.</p> <p>K81. Knowledge of disinfection procedures for laboratory equipment, operatory equipment, and mechanical devices.</p> <p>K82. Knowledge of procedures for handling detachable intraoral handpieces and devices (e.g., oiling, flushing handpiece).</p>

RDA Examination Plan

Content Area	Task Statements	Knowledge Statements
		<p>K83. Knowledge of sterilization procedures for laboratory equipment, operatory equipment, and mechanical devices (e.g., autoclaving).</p> <p>K84. Knowledge of hand hygiene products.</p> <p>K85. Knowledge of hand hygiene procedures used prior to and after glove use.</p> <p>K86. Knowledge of biological spore test and heat indicating devices.</p> <p>K87. Knowledge of procedure of biological spore test and heat indicating devices.</p>
<p>4. Occupational Safety and Health (10%): This areas assesses the candidate's ability to implement protocols and procedures (e.g., Cal-DOSH, OSHA) to protect operator and patient from injury and illness.</p>		
Occupational Safety and Health (10%)	<p>T34. Implement protocols and procedures to protect operator from exposure during hazardous waste management.</p> <p>T35. Implement protocols to prevent disease transmission.</p> <p>T36. Implement components of a hazard communication program.</p> <p>T37. Implement protocols and procedures according to the Cal-DOSH Injury and Illness.</p>	<p>K88. Knowledge of usage of eye wash station.</p> <p>K89. Knowledge of elements of Materials Safety Data Sheets.</p> <p>K90. Knowledge of methods used for waste disposal.</p> <p>K91. Knowledge of types of waste.</p> <p>K92. Knowledge of modes of disease transmission.</p> <p>K93. Knowledge of chemical inventory control.</p> <p>K94. Knowledge of types of chemical containers, labeling and handling.</p> <p>K95. Knowledge of techniques used to handle and remove sharps.</p> <p>K96. Knowledge of OSHA risk classifications for occupational exposure.</p> <p>K97. Knowledge of pre- and post-exposure protocols.</p> <p>K98. Knowledge of Cal-DOSH Injury and Illness protocols and procedures.</p>
<p>5. Preventive Procedures (7%): This area assesses the candidate's ability to polish coronal surfaces of teeth, utilize caries detection devices, and apply pit and fissure sealants.</p>		
Preventive Procedures (7%)	<p>T38. Polish coronal surfaces.</p> <p>T39. Utilize caries detection devices.</p> <p>T40. Apply pit and fissure sealants.</p>	<p>K99. Knowledge of techniques and procedural sequence for coronal polish.</p> <p>K100. Knowledge of materials used for coronal polishing.</p> <p>K101. Knowledge of clinical indications of coronal polishing.</p> <p>K102. Knowledge of contraindications of coronal polishing.</p> <p>K103. Knowledge of plaque, calculus, stain formation of the oral cavity.</p> <p>K104. Knowledge of types of disclosing agents for coronal polishing.</p> <p>K105. Knowledge of types of automated caries detection devices and materials.</p> <p>K106. Knowledge of procedures when using automated caries detection</p>

RDA Examination Plan

Content Area	Task Statements	Knowledge Statements
		<p>devices.</p> <p>K107. Knowledge of types of staining agents for dental sealant procedures.</p> <p>K108. Knowledge of decalcification, caries, stains, and fractures lines of tooth surfaces.</p> <p>K109. Knowledge of clinical indications of dental sealants.</p> <p>K110. Knowledge of filled and unfilled sealant materials.</p> <p>K111. Knowledge of contraindications of dental sealants.</p> <p>K112. Knowledge of etching materials for sealant procedures.</p> <p>K113. Knowledge of techniques and procedural sequence for pit and fissure sealants.</p> <p>K114. Knowledge of occlusion and proximal contact for placement techniques.</p>

RDA Examination Plan

Content Area	Task Statements	Knowledge Statements
<p>6. Medical Emergency Preparedness (5%): This area assesses the candidate's ability to assist in the administration of nitrous oxide/oxygen, administer basic life support, and assist in emergency care of patient.</p>		
<p>Medical Emergency Preparedness (5%)</p>	<p>T41. Assist administration of nitrous oxide/oxygen when used for analgesia or sedation. T42. Administer basic life support. T43. Assist in emergency care of patient.</p>	<p>K115. Knowledge of effects of nitrous oxide/oxygen sedation on patient responsiveness. K116. Knowledge of procedures to assist in administration of nitrous oxide/oxygen sedation. K117. Knowledge of contraindications for administering nitrous oxide/oxygen sedation. K118. Knowledge of nitrous oxide/oxygen and oxygen equipment and uses. K119. Knowledge of indications to perform basic life support procedures. K120. Knowledge of possible allergic reactions and sensitivities to medications. K121. Knowledge of possible allergic reactions and sensitivities to materials used in dentistry. K122. Knowledge of signs and symptoms of allergic reactions or sensitivities to medications. K123. Knowledge of indications to assist in administration of medical emergencies. K124. Knowledge of contraindications to administer of medical emergencies. K125. Knowledge of procedures to assist in medical emergencies. K126. Knowledge of contents of a medical emergency kit.</p>
<p>7. Dental Radiation Safety (5%): This area assesses the candidate's ability to implement patient and operator protection devices to prevent radiation exposure.</p>		
<p>Dental Radiation Safety (5%)</p>	<p>T44. Implement patient protection devices to prevent radiation exposure. T45. Implement operator protection measures to prevent scatter radiation exposure.</p>	<p>K127. Knowledge of use of lead apron and thyroid collar. K128. Knowledge of film holding devices. K129. Knowledge of film speed and exposure factors. K130. Knowledge of techniques to minimize exposure during radiation procedures.</p>
<p>8. Endodontic Procedures (3%): This area assesses the candidate's ability to test pulp vitality and dry canals with absorbent points.</p>		
<p>Endodontic Procedures (3%)</p>	<p>T46. Test pulp vitality. T47. Dry canals with absorbent points.</p>	<p>K131. Knowledge of protocols and procedures for testing pulp vitality. K132. Knowledge of canal length and size.</p>

RDA Examination Plan

Content Area	Task Statements	Knowledge Statements
		K133. Knowledge of procedures for placing absorbent points. K134. Knowledge of measurement process for drying canals.
9. Periodontal and Post Extraction Dressings (3%): This area assesses the candidate's ability to prepare and place periodontal and post extraction dressings at surgical sites.		
Periodontal and Post Extraction Dressings (3%)	T48. Place periodontal dressing at surgical site. T49. Place post extraction dressing at surgical site.	K135. Knowledge of types of periodontal dressing materials. K136. Knowledge of methods to prepare periodontal dressing K137. Knowledge of techniques and procedures to place periodontal dressings. K138. Knowledge of types of post extraction dressing materials. K139. Knowledge of methods to prepare post extraction dressings. K140. Knowledge of procedures to place post extraction dressing.
10. Orthodontic Procedures (2%): This area assesses the candidate's ability to place arch wires, ligate arch wires and remove orthodontic bands.		
Orthodontic Procedures (2%)	T50. Place arch wires. T51. Ligate arch wires. T52. Remove orthodontic bands.	K141. Knowledge of sizes and types of arch wires. K142. Knowledge of instruments, materials and techniques to place arch wires. K143. Knowledge of instruments, materials and techniques to ligate arch wires. K144. Knowledge of types of orthodontic bands. K145. Knowledge of instruments and techniques to remove orthodontic bands. K146. Knowledge of relationship between removable orthodontic appliances and gingival tissue.