

**RDA Examination Plan
General and Law/Ethics Combined**

(PLEASE NOTE: NEW EXAM PLAN WILL BE EFFECTIVE MAY 2018)

1. PATIENT TREATMENT AND CARE (25%)

Task Statements	Knowledge Statements
1 Review and report to dentist patient medical conditions, medications, and areas of medical/dental treatment history that may affect dental treatment.	1 Knowledge of effects of coexisting medical/dental conditions on dental treatment.
2 Take patient's blood pressure and vital signs.	2 Knowledge of common medical conditions that may affect dental treatment (e.g., asthma, cardiac conditions, diabetes).
3 Inspect patient's oral condition with mouth mirror.	3 Knowledge of allergic reactions and sensitivities associated with dental treatment and materials (e.g., latex, epinephrine).
4 Chart existing oral conditions and diagnostic findings at the direction of the licensed provider.	4 Knowledge of purposes and effects of commonly prescribed medications that may affect dental treatment (e.g., Coumadin, psychotropics).
5 Perform intraoral diagnostic imaging of patient's mouth and dentition (e.g., radiographs, photographs, CT scans).	6 Knowledge of medical conditions that may require premedication for dental treatment (e.g., joint replacement, infective endocarditis, artificial heart valves).
6 Respond to patient questions about existing conditions and treatment following dentist's diagnosis.	7 Knowledge of acceptable levels of blood pressure for performing dental procedures.
7 Observe for signs and conditions that may indicate abuse or neglect.	8 Knowledge of methods and techniques for using medical equipment to take vital signs.
8 Perform dental procedures using professional chairside manner.	9 Knowledge of techniques and procedures for using imaging equipment to perform intraoral and extraoral diagnostic imaging.
9 Educate patient about behaviors that could affect oral health or dental treatment.	10 Knowledge of types of plaque, calculus, and stain formations of the oral cavity and their etiology.
10 Instruct patient about pre- and postoperative care and maintenance for dental procedures and appliances.	11 Knowledge of conditions of the tooth surfaces (e.g., decalcification, caries, stains, and fractures lines) and how to document them.
32 Utilize caries detection materials and devices to gather information for dentist.	12 Knowledge of effects of substance abuse on patient's physical condition including oral tissues.
48 Assist in the administration of nitrous oxide/oxygen when used for analgesia or sedation by dentist.	13 Knowledge of effects of nutrition and malnutrition on the oral cavity.
49 Assist in the administration of oxygen to patients as instructed by dentist.	14 Knowledge of effects of smoking and smokeless tobacco on oral tissue.
51 Assist in emergency care of patient.	15 Knowledge of the professional and ethical principles related to communicating with, and fair treatment of patient.
	16 Knowledge of professional and ethical principles regarding patient care.
	17 Knowledge of legal requirements and ethical principles regarding patient confidentiality.
	18 Knowledge of types of dental conditions of hard and soft tissue and how to identify and document them.

	<ul style="list-style-type: none"> 19 Knowledge of basic oral and dental anatomy (e.g., nomenclature, morphology, and tooth notation). 20 Knowledge of legal requirements and ethical principles regarding mandated reporting (abuse and neglect). 22 Knowledge of the RDA/RDAEFs legal and ethical responsibilities to report violations of the state dental practice act, administrative rules or regulations to the proper authorities. 23 Knowledge of methods and techniques patients can perform to improve oral health. 24 Knowledge of pre- and postoperative care and maintenance for dental procedures and appliances. 25 Knowledge of requirements for the supervision of RDAs and RDAEFs related to different dental procedures. 26 Knowledge of scope of practice for RDAs and RDAEFs related to initial patient assessment. 64 Knowledge of types of automated caries detection devices, materials, and procedures for their use. 68 Knowledge of scope of practice for RDAs related to use of caries detection devices and materials. 92 Knowledge of procedures for the use and care of equipment used to administer oxygen and nitrous oxide/oxygen. 93 Knowledge of signs and symptoms indicating the need to implement first aid and basic life support measures. 95 Knowledge of signs and symptoms indicating possible allergic reactions and/or sensitivities to medications or materials used in dentistry.
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2. DENTAL PROCEDURES (35%)

2A Dental Procedures: Direct and Indirect Restorations (30%)

Task Statements	Knowledge Statements
13 Place bases and liners.	28 Knowledge of types of base and liner materials and the techniques and procedures for their application and placement.
14 Place matrices and wedges.	29 Knowledge of types of wedges and the techniques and procedures for their use.
15 Place temporary filling material.	30 Knowledge of techniques and procedures for using matrix bands with or without band retainers.
16 Apply etchant to tooth surface (tooth dentin or enamel) for direct and indirect provisional restorations.	31 Knowledge of types of temporary filling materials and the techniques and procedures to mix, place, and contour them.
17 Place bonding agent.	32 Knowledge of types of bonding agents and the techniques and procedures for their application and placement.
18 Fabricate and adjust direct and indirect provisional restorations.	33 Knowledge of types of etchants and the techniques and procedures for their application and placement.
19 Perform cementation procedure for direct and indirect provisional restorations.	34 Knowledge of irregularities in margins that affect direct and indirect provisional restorations.
20 Obtain intraoral images using computer generated imaging system (e.g., CAD/CAM).	35 Knowledge of techniques used to eliminate open margins when placing restorative materials.
21 Take impressions for direct and indirect provisional restorations.	36 Knowledge of methods for identifying improper occlusal contacts, proximal contacts, or embrasure contours of provisional restorations.
22 Remove indirect provisional restorations.	37 Knowledge of techniques and procedures for mitigating the effects of improper occlusal contacts, proximal contacts, or embrasure contours of provisional restorations.
23 Perform in-office whitening (bleaching) procedures (e.g., Boost, Opalescence).	38 Knowledge of instrumentation and techniques related to the removal of indirect provisional restorations.
	39 Knowledge of scope of practice for RDAs and RDAEFs related to applying bases, liners, and bonding agents.
	40 Knowledge of equipment and procedures used to obtain intraoral images for computer-aided, milled restorations.
	41 Knowledge of types of impression materials and techniques and procedures for their application and placement.
	42 Knowledge of techniques and procedures used to mix and place provisional materials.
	43 Knowledge of techniques and procedures for bonding provisional veneers.

	<p>44 Knowledge of indications and contraindications for the use of whitening (bleaching) agents.</p> <p>45 Knowledge of indications and contraindications for the use of bonding agents.</p> <p>46 Knowledge of indications and contraindications for the use of etching agents.</p> <p>47 Knowledge of types of whitening (bleaching) agents and the techniques and procedures for their application.</p> <p>48 Knowledge of types of cements and the techniques and procedures for their application, placement, and removal.</p> <p>49 Knowledge of scope of practice for RDAs and RDAEFs related to applying and activating whitening (bleaching) agents.</p> <p>50 Knowledge of RDA and RDAEF scopes of practice related to direct restorations.</p> <p>51 Knowledge of RDA and RDAEF scopes of practice related to indirect restorations.</p> <p>52 Knowledge of RDA and RDAEF scopes of practice related to final impressions.</p>
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2B Dental Procedures: Preventive Procedures (5%)

Task Statements	Knowledge Statements
<p>31 Perform coronal polishing.</p> <p>33 Prepare teeth and apply pit and fissure sealants.</p>	<p>60 Knowledge of scope of practice for RDAs related to coronal polishing and the application of pit and fissure sealants.</p>

3. DENTAL SPECIALTY PROCEDURES (10%)

3A Dental Specialty Procedures: Endodontic Procedures (2%)

Task Statements	Knowledge Statements
58 Test pulp vitality. 59 Dry canals with absorbent points.	102 Knowledge of techniques and procedures for testing pulp vitality. 103 Knowledge of techniques and procedures for measuring canal length and size. 104 Knowledge of scope of practice for RDAs and RDAEFs related to initial pulp vitality testing and other endodontic procedures.

3B Dental Specialty Procedures: Periodontal Procedures (1%)

Task Statements	Knowledge Statements
62 Place periodontal dressings at surgical site.	108 Knowledge of scope of practice for RDAs and RDAEFs related to the placement of periodontal dressing materials. 109 Knowledge of types of periodontal dressings and techniques for their application.

3C Dental Specialty Procedures: Orthodontic Procedures (3%)

Task Statements	Knowledge Statements
63 Place orthodontic separators. 64 Place and remove ligature ties and arch wires. 65 Place elastic ties to secure arch wires. 66 Remove orthodontic bands. 67 Take impression for fixed and removable orthodontic appliances.	110 Knowledge of scope of practice for RDAs and RDAEFs related to the placement of orthodontic materials. 111 Knowledge of techniques for placement and removal of orthodontic separators and bands, arch wires, and ties. 112 Knowledge of techniques for placement and removal of removable orthodontic appliances. 113 Knowledge of types of materials for taking impressions for removable orthodontic appliances and the techniques for their application.

3D Dental Specialty Procedures: Implants, Oral Surgery and Extractions (3%)

Task Statements	Knowledge Statements
69 Remove post-extraction and post-surgery sutures as directed by dentist.	114 Knowledge of techniques for removing post-extraction and post-surgery sutures.
70 Place and remove dry socket dressing as directed by dentist.	115 Knowledge of methods for treating dry socket.

3E Dental Specialty Procedures: Prosthetic Appliances (1%)

Task Statements	Knowledge Statements
71 Adjust prosthetic appliances extraorally.	116 Knowledge of methods for identifying pressure points (sore spots) related to ill-fitting prosthetic appliances. 117 Knowledge of materials, equipment, and techniques used for adjustment of prosthetic appliances. 118 Knowledge of scope of practice for RDAs and RDAEFs related to the adjustment of extraoral prosthetic appliances.

4. SAFETY (30%)

4A Safety: Infection Control (24%)

Task Statements	Knowledge Statements
34 Wear personal protective equipment during patient-based and non-patient-based procedures as specific to the tasks. 35 Purge dental unit lines with air or water prior to attachment of devices. 36 Use germicides for surface disinfection (e.g., tables, chairs, counters). 37 Use surface barriers for prevention of cross-contamination. 38 Perform instrument sterilization in compliance with the office's infection control program. 39 Disinfect and sterilize laboratory and operatory equipment in compliance with the office's infection control program. 40 Use hand hygiene procedures. 41 Conduct biological spore testing to ensure functioning of sterilization devices. 42 Dispose of biological hazardous waste and Other Potentially Infectious Materials (OPIM). 43 Dispose of pharmaceuticals and sharps in appropriate container.	69 Knowledge of laws and regulations pertaining to infection control procedures related to "Dental Healthcare Personnel" (DHCP) environments. 74 Knowledge of protocols and procedures for purging dental unit waterlines and hand pieces (DUWL). 84 Knowledge of procedures and protocols for the disposal of biological hazardous waste and Other Potentially Infectious Materials (OPIM).

4B Safety: Radiation Safety (3%)

Task Statements	Knowledge Statements
44 Implement measures to minimize radiation exposure to patient during radiographic procedures.	89 Knowledge of legal and ethical requirements for RDAs and RDAEFs related to radiation safety.
45 Implement measures to prevent and monitor scatter radiation exposure (e.g., lead shields, radiation dosimeter) to self and others during radiographic procedures.	90 Knowledge of methods for the storage and disposal of radiographic film.
47 Implement measures for the storage and disposal of radiographic film.	

4C Safety: Occupational Safety (3%)

Task Statements	Knowledge Statements
55 Implement protocols and procedures to protect operator from exposure during hazardous waste management.	99 Knowledge of what constitutes hazardous waste and the protocols and procedures for its disposal.
56 Package, prepare, and store hazardous waste for disposal.	101 Knowledge of requirements for placing hazardous substances in secondary containers, (e.g., labeling, handling, applicable containers).
57 Store, label, and log chemicals used in a dental practice.	