

## RDA Examination Plan (Revised January 2018)

### 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).   | 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.  |

RDA Examination Plan - General and Law/Ethics Combined (Revised January 2018)

Minor revisions were made to Tasks 5, 18a, 18b, 19, and 21

Effective May 2018

|  |  |
|--|--|
|  | <p>18 Knowledge of types of dental conditions of hard and soft tissue and how to identify and document them.</p> <p>19 Knowledge of basic oral and dental anatomy (e.g., nomenclature, morphology, and tooth notation).</p> <p>20 Knowledge of legal requirements and ethical principles regarding mandated reporting (abuse and neglect).</p> <p>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.</p> <p>23 Knowledge of methods and techniques patients can perform to improve oral health.</p> <p>24 Knowledge of pre- and postoperative care and maintenance for dental procedures and appliances.</p> <p>25 Knowledge of requirements for the supervision of RDAs and RDAEFs related to different dental procedures.</p> <p>26 Knowledge of scope of practice for RDAs and RDAEFs related to initial patient assessment.</p> <p>64 Knowledge of types of automated caries detection devices, materials, and procedures for their use.</p> <p>68 Knowledge of scope of practice for RDAs related to use of caries detection devices and materials.</p> <p>92 Knowledge of procedures for the use and care of equipment used to administer oxygen and nitrous oxide/oxygen.</p> <p>93 Knowledge of signs and symptoms indicating the need to implement first aid and basic life support measures.</p> <p>95 Knowledge of signs and symptoms indicating possible allergic reactions and/or sensitivities to medications or materials used in dentistry.</p> |
|--|--|

## **2. DENTAL PROCEDURES (35%)**

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

| <b>Task Statements</b>   | <b>Knowledge Statements</b>   |
|--|---|
| 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.  |
| 18a Fabricate and adjust indirect provisional restorations.  | 33 Knowledge of types of etchants and the techniques and procedures for their application and placement.  |
| 18b Place, adjust, and finish direct provisional restorations.   | 34 Knowledge of irregularities in margins that affect direct and indirect provisional restorations.   |
| 19 Perform cementation procedure for indirect provisional restorations.                                      | 35 Knowledge of techniques used to eliminate open margins when placing restorative materials.   |
| 20 Obtain intraoral images using computer generated imaging system (e.g., CAD/CAM).                          | 36 Knowledge of methods for identifying improper occlusal contacts, proximal contacts, or embrasure contours of provisional restorations.                                 |
| 21 Take impressions for 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. |
| 22 Remove indirect provisional restorations.   | 38 Knowledge of instrumentation and techniques related to the removal of indirect provisional restorations.   |
| 23 Perform in-office whitening (bleaching) procedures (e.g., Boost, Opalescence).                            | 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.  |

RDA Examination Plan - General and Law/Ethics Combined (Revised January 2018)

Minor revisions were made to Tasks 5, 18a, 18b, 19, and 21

Effective May 2018

|  |  |
|--|--|
|  | <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> |
|--|--|

**2B Dental Procedures: Preventive Procedures (5%)**

| <b>Task Statements</b>   | <b>Knowledge Statements</b>   |
|--|---|
| <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%)**

| <b>Task Statements</b>   | <b>Knowledge Statements</b>  |
|--|--|
| 58 Test pulp vitality.<br>59 Dry canals with absorbent points. | 102 Knowledge of techniques and procedures for testing pulp vitality.<br>103 Knowledge of techniques and procedures for measuring canal length and size.<br>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%)**

| <b>Task Statements</b>                           | <b>Knowledge Statements</b>   |
|--|---|
| 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.<br>109 Knowledge of types of periodontal dressings and techniques for their application. |

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

| <b>Task Statements</b>   | <b>Knowledge Statements</b>  |
|--|--|
| 63 Place orthodontic separators.<br>64 Place and remove ligature ties and arch wires.<br>65 Place elastic ties to secure arch wires.<br>66 Remove orthodontic bands.<br>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.<br>111 Knowledge of techniques for placement and removal of orthodontic separators and bands, arch wires, and ties.<br>112 Knowledge of techniques for placement and removal of removable orthodontic appliances.<br>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.<br>117 Knowledge of materials, equipment, and techniques used for adjustment of prosthetic appliances.<br>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%)**

| <b>Task Statements</b>   | <b>Knowledge Statements</b>  |
|--|--|
| 34 Wear personal protective equipment during patient-based and non-patient-based procedures as specific to the tasks.<br>35 Purge dental unit lines with air or water prior to attachment of devices.<br>36 Use germicides for surface disinfection (e.g., tables, chairs, counters).<br>37 Use surface barriers for prevention of cross-contamination.<br>38 Perform instrument sterilization in compliance with the office's infection control program.<br>39 Disinfect and sterilize laboratory and operatory equipment in compliance with the office's infection control program.<br>40 Use hand hygiene procedures.<br>41 Conduct biological spore testing to ensure functioning of sterilization devices.<br>42 Dispose of biological hazardous waste and Other Potentially Infectious Materials (OPIM).<br>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.<br>74 Knowledge of protocols and procedures for purging dental unit waterlines and hand pieces (DUWL).<br>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.  |                      |  |