



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

2012 RDA Written Examination Format

The Written Examination consists of multiple-choice questions covering the following areas:

I. Collection & Recording of Clinical Data

- (1) Obtain and record patient medical and dental history (e.g. prescriptions, allergies, diseases, etc.)
- (2) Assess and note patient's general physical condition and note any abnormal characteristics
- (3) Assess patient's extraoral condition (e.g. swelling, lesions, paralysis)

Intraoral – Soft Tissue

- (4) Identify/name typical abnormalities (e.g. fordyce spots, petechiae, gingivitis)
- (5) Identify/name atypical abnormalities (e.g. leukoplakia, herpetic lesions, tumors)
- (6) Describe/note abnormalities (e.g. swollen, red, round 1 mm)

Teeth and Related Conditions

Identify

- (7) Caries
- (8) Decalcification
- (9) Restorations
- (10) Morphological conditions
- (11) Rotated teeth
- (12) Missing teeth
- (13) Faulty restorations
- (14) Prosthetics
- (15) Hypoplasia/Stain
- (16) Supragingival Calculus
- (17) Gingival contour

Chart

- (18) Caries
- (19) Decalcification
- (20) Restorations
- (21) Morphological conditions
- (22) Rotated teeth
- (23) Missing teeth
- (24) Faulty restorations
- (25) Prosthetics
- (26) Gingival contour
- (27) Occlusion (Angle's classification, overbite, overjet, crossbite)



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

Diagnostic Aids

- (28) Take impressions for diagnostic study casts

Vital Signs

- (29) Take and record temperature
- (30) Take and record pulse rate and description
- (31) Measure and record blood pressure
- (32) Observe and record respiration rate

II. Chairside Dental Procedures

- (33) Perform four-handed dentistry techniques (e.g. instrument transfer, evacuation)
- (34) Select and prepare armamentarium/instruments
- (35) Assist with intra-oral procedures

III. Patient Management/Education/Communication

- (36) Calm and reassure apprehensive patient
- (37) Monitor/record patient response to drugs/medication

Give Pre/Post Treatment Instructions

- (38) Fluoride
- (39) Rubber dam
- (40) Temporary intracoronal restoration
- (41) Pit and fissure sealant
- (42) Temporary crown restoration
- (43) Topical anesthetics
- (44) Suture removal
- (45) Periodontal dressing
- (46) Orthodontic procedures

Give Oral Health Instructions

- (47) Plaque control
- (48) Diet counseling

Answer Patient Questions

- (49) Fluoride
- (50) Radiography
- (51) Sealants
- (52) Restorative Procedures



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

IV. Prevention of Disease Transmission

- (53) Sterilize dental instruments, equipment and supplies
- (54) Disinfect dental instruments, equipment and supplies
- (55) Implement procedures required to prevent/minimize disease transmission

Prevent Cross-Contamination and Disease-Transmission at Chairside

- (56) Use disposable equipment, instruments, supplies whenever possible
- (57) Use masks, gloves, fingercots, glasses, drapes and other safety items

V. Prevention and Management of Emergencies

- (57) Recognize patient medical conditions that may require dentist's attention (e.g. allergies, cardiovascular disease, epilepsy)
- (58) Recognize patient signs and symptoms, indicative of medical emergencies (e.g. seizure, syncope, hyperventilation)
- (59) Perform defined role in office emergency plan (e.g. get first aid kit, call ambulance)
- (60) Assist in management of medical emergencies

VI. Occupational Safety

- (61) Incorporate safety measures when using toxic materials or irritants (e.g. mercury, bonding light)

VII. Legal Aspects of Dentistry

Records

- (62) Identify the legal significance of medical and dental histories
- (63) Identify items included as part of a legally documented patient record
- (64) File items, including radiographs, histories, correspondence, etc. into individual patient records
- (65) Record pertinent patient communications
- (66) Obtain consent for routine and emergency office dental care

Legal Responsibilities

- (67) Identify factors/precautions necessary to prevent lawsuits against dental personnel
- (68) Maintain the patient's right to privacy
- (69) Recognize the legal responsibilities/functions of dental personnel in relation to state dental laws (e.g. direct supervision, general supervision, scope of practice)



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

VIII. Dental Radiography

Expose and Evaluate

- (70) Select appropriate film
- (71) Select accessories for radiographic techniques (e.g. film holders, cassettes)

Expose Dental Films

- (72) Intraoral
- (73) Extraoral (panoramic)

Evaluate Radiographs for Diagnostic Value

- (74) Identify errors of exposure
- (75) Make necessary corrections

Process

- (76) Prepare radiographic solutions for manual processors
- (77) Prepare radiographic solutions for automatic processors
- (78) Process exposed intraoral & extraoral dental radiographs
- (79) Identify errors of processing techniques
- (80) Correct errors

Mounting and Labeling

- (81) Mount and label radiographs
- (82) Identify anatomical structures

Identify Questionable Areas To Be Brought to Dentist's Attention

- (83) Caries
- (84) Unerupted third molars
- (85) Bone level
- (86) Morphological conditions
- (87) Periapical pathology
- (88) Calculus
- (89) Restorations
- (90) Fractures
- (91) Root canal fillings
- (92) Retained root tips



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

Chart/Record According to Dentist's Diagnosis

- (93) Caries
- (94) Unerupted third molars
- (95) Bone level
- (96) Morphological conditions
- (97) Periapical pathology
- (98) Calculus
- (99) Restorations
- (100) Fractures
- (101) Root canal fillings
- (103) Retained root tips

Safety

- (104) Apply principles of radiation protection in the operation and maintenance of radiographic equipment
- (105) Perform patient management techniques related to dental radiography
- (106) Practice safety measures to provide protection to patient from radiation
- (107) Practice safety measures to provide protection to operator from radiation
- (108) Monitor the number of exposures to patient
- (109) Monitor the amount of radiation exposure to operator

IX. Intraoral Functions/Procedures

Rubber Dam

- (110) Select and prepare materials (e.g. clamps, rubber dam, instruments)
- (111) Place rubber dam

Assess the Following

- (112) Fit of clamp
- (113) Inversion
- (114) Patient safety (e.g. ligation of clamp)

Anchoring of Dam

- (115) Clamp
- (116) Ligature
- (117) Dam stop
- (118) Remove rubber dam

Topical Fluoride

- (119) Select and prepare materials (e.g. fluoride type, method of application, supplies)

Apply Topical Fluoride (e.g. time, technique, procedure)

- (120) Phosphate gel
- (121) Phosphate liquid



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

Assess Patient Safety

- (122) Ingestion of topical fluoride
- (123) Tissue status

Pit and Fissure Sealant

- (124) Select and prepare materials (e.g. type, method of application, supplies)

Prepare Tooth Surfaces With

- (125) Cotton pellet

Apply Sealant

- (126) Light cured
- (127) Self cured

Temporary Intracoronary Restorations

Select and prepare materials

- (128) Zinc phosphate
- (129) ZOE
- (130) Acrylic
- (131) Place temporary intracoronary restoration
- (132) Finish temporary intracoronary restorations (e.g. occlusion, smoothness, margins)
- (133) Remove temporary intracoronary restorations

Temporary Crown

Select and Prepare Material

- (134) Stainless steel
- (135) Acrylic preformed
- (136) Acrylic custom
- (137) Aluminum shell
- (138) Aluminum preformed
- (139) Adapt temporary crown restorations (e.g. occlusions, margins, trim)

Cement/Place

- (140) Individual
- (141) Bridge unit

Remove

- (141) Remove temporary crown restorations

Topical Anesthetics

- (143) Select and prepare materials
- (144) Determine site of administration



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

Apply

(145) Non-aerosol

Assess

(146) Assess patient status (e.g. swallowing/breathing, ingestion of excess anesthesia)

Suture Removal

- (147) Select and prepare materials
- (148) Assess tissue status before removal
- (149) Remove sutures
- (150) Assess tissue status after removal

Periodontal Dressing

- (151) Select and prepare materials
- (152) Place dressing
- (153) Adapt dressing (e.g. contour, trim, uniform thickness)
- (154) Remove dressing
- (155) Assess tissue status

Orthodontic Procedures

- (156) Size bands
- (157) Place ligatures, identify loose bands
- (158) Instruct in headgear
- (159) Place separators
- (161) Remove separators

Selective Polishing

- (161) Select & prepare materials
- (162) Determine the surfaces to be polished
- (163) Polish selected surfaces with slow speed rotary handpiece

Assess Patient Safety

- (164) Establish and maintain fulcrum or finger support
- (165) Maintain appropriate pressure

Placing/ Packing Nonepinephrine Retraction Cords

- (166) Select and prepare materials
- (167) Place and pack nonepinephrine cords



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

Taking Final Impressions for Indirect Restorations

Select and prepare materials

- (168) Vinylpolysiloxane
- (169) Polyether
- (170) Silicone
- (171) Reversible hydrocolloid

Take impression

- (172) Single unit
- (173) Multiple unit bridge
- (174) Assess impression

Tooth Desensitization

- (175) Indications for use
- (176) Select and prepare materials (e.g. desensitizing agent, instruments, supplies)
- (177) Prepare tooth
- (178) Place desensitizing agent

Placing Dental Liners/Cements/Varnishes

Select and prepare materials

- (179) Calcium hydroxide
- (180) Zinc oxide eugenol
- (181) Zinc phosphate
- (182) Carboxylate
- (183) Glass ionomer
- (184) Resin
- (185) Varnish

Place and cure as indicated

- (186) Select appropriate cement and placement instruments
- (187) Indications for use
- (188) Contraindications for use

Drying Endodontic Canals with Absorbent Paper Points

- (189) Select and prepare materials (e.g. points, instruments)
- (190) Dry canals

Placing and Removing Matrices and Wedges

- (191) Select and prepare materials (e.g. strips, retainers, bands, wedges, instruments)
- (192) Indications for use
- (193) Place band
- (194) Place wedge
- (195) Remove band
- (196) Remove wedge



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

STEVEN H. HILFINGER
DIRECTOR

Pulp Vitality Testing

- (197) Test vitality with electric pulp tester
- (198) Test vitality with heat/cold
- (199) Test vitality with percussion
- (200) Potential complications

Place, Pack and Carve Amalgam Restorations

- (201) Select and prepare materials (e.g. alloy, amalgamator, instruments)
- (202) Place amalgam
- (203) Condense amalgam
- (204) Carve amalgam
- (205) Check occlusion

Please Note: The candidate will be expected to have a basic knowledge of normal vs. abnormal conditions present in the oral cavity. This may include naming a condition from a description (i.e. fordyce spots, decalcification)

Instrumentation and use of dental materials are included in the specific categories to which they apply. Example: Cements are examined under the categories, Temporary Crowns and Temporary.