



# Washington State Restorative Exam

## Exam Outline and References

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The Washington State Restorative Exam (WARE) is developed and administered by the Dental Assisting National Board, Inc. on behalf of the Washington State Dental Quality Assurance Commission.

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# WARE Exam

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## Exam Weighting by Domain

- I. Restorative Foundational Topics (7%)
- II. Amalgam Restorations (18%)
- III. Composite Restorations (30%)
- IV. Final Impressions (24%)
- V. Preventive Functions (21%)

## Exam Administration

Number of Multiple-Choice Questions	125
Time for Exam (minutes)	90

### Changes to the WARE Exam Outline published 4/1/2023 from the previous version

The WARE exam outline has been updated to streamline the content and make it easier for candidates to evaluate what they need to study prior to taking the exam. There have been no changes to content of the exam outline or the exam. The biggest change to the exam outline is that the previous Domains 5-7 (Coronal Polish, Fluoride, Enamel Sealants) have been combined into the new Domain 5 – Preventive Functions.

### Testing Options

This exam is administered in-person and through remote online proctoring. The candidate may choose the method they prefer. Remote proctoring allows candidates to take exams using their own computer while being remotely monitored by webcam and microphone.

# WARE Exam Outline

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## I: Restorative Foundational Topics (7%)

- A. Armamentarium
- B. Matrices, retainers and wedges
- C. Tissue management
- D. Cavity classifications (I through VI)
- E. Cavity preparation terminology
- F. Bonding, bases and liners

## II: Amalgam Restorations (18%)

- A. Properties of amalgam
- B. Patient management
- C. Moisture control and contamination prevention
- D. Place, condense and carve amalgam restorations
- E. Check and adjust occlusion
- F. Evaluate restorations
- G. Post-operative instructions

## III: Composite Restorations (30%)

- A. Rationale for composite restorations
- B. Composite resin, glass ionomer and compomer materials
  - 1. Uses
  - 2. Advantages/disadvantages
  - 3. Indications/contraindications
  - 4. Placing/finishing
  - 5. Properties
- C. Shade selection
- D. Moisture control and contamination prevention
- E. Place, finish and evaluate restorations
- F. Check and adjust occlusion
- G. Post-operative instructions

#### IV: Final Impressions (24%)

- A. Common anatomical anomalies
- B. Fixed and removable prosthesis
- C. Impression materials
  - 1. Preliminary
  - 2. Polyether
  - 3. Polysulfide
  - 4. Polyvinyl siloxane
  - 5. Reversible hydrocolloid
- D. Management of material when using more than one material simultaneously
- E. Alter setting time
- F. Tray selection
- G. Moisture control and isolation
- H. Gingival deflection and retraction including hemostasis
- I. Patient management
- J. Insertion and removal of impression tray
- K. Evaluate final impressions
- L. Manage final impressions
- M. Laboratory prescription
- N. Computer assisted design and manufacture application
- O. Bite registration

#### V: Preventive Functions (21%)

- A. Coronal polishing
  - 1. Rationale for performing coronal polish
  - 2. Contraindications
  - 3. Modifications
  - 4. Dental deposits
  - 5. Abrasive and polishing agents
  - 6. Procedures, equipment and supplies
    - a. Dental handpiece
    - b. Rubber prophyl cup
    - c. Systematic procedure
    - d. Prophyl brush
    - e. Dental tape and dental floss
  - 7. Auxiliary polishing aids
    - a. Bridge threaders
    - b. Abrasive polishing strips
    - c. Softwood points
    - d. Interproximal brushes

- B. Fluoride
  - i. Fluoridation
  - ii. Effects
  - iii. Fluoride in dental plaque
  - iv. Toxicity
  - v. Forms
- C. Sealants
  - vi. Indications and contraindications
  - vii. Materials
  - viii. Placement

## WARE Exam Suggested References

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DANB exam committees use the following textbooks and reference materials to develop this exam. This list does not include all available study materials; these are the resources that exam committees have determined provide the most up-to-date information needed to meet a determined level of competence on this exam. It is not an endorsement of the publications. Any one reference will likely not include all the study material required to pass the exam. **Please note that previous editions of the resources below may be used for study purposes if the previous version was published within the past 7 years.**

### Suggested Exam Preparation References

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 13th ed. Saunders, 2020.
2. Eakle, W. Stephan and Kimberly G. Bastin. *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*. 4<sup>th</sup> ed. Saunders, 2021.
3. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 6th ed. Cengage, 2022.

## Acronyms

The following table lists acronyms that you may find on this exam. When you take the exam, the full list of acronyms will be available to you.

Acronym	What it stands for
CAD/CAM	Computer-aided design and manufacturing
DHCP	Dental Healthcare Personnel
DO	Disto-occlusal
mm	millimeter
pH	power of hydrogen
ppm	parts per million

## Exam Development and Maintenance

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### How exams are scored

In a criterion-referenced examination, a candidate must obtain a score equal to, or higher than, the passing score to pass the test. A minimum passing scaled score of 400 must be obtained to pass the exam with scores ranging from 100 to 900 points. Exam results are reported as a “scaled score” which is neither a “number correct” nor a “percent correct” score. Performance on the exam is not compared to the performance of others taking the exam.

### Receiving your Pass or Fail status

Candidates will receive a preliminary Pass or Fail status upon completion of the exam. Official exam results will be provided by DANB within one to three weeks after completion of the exam.