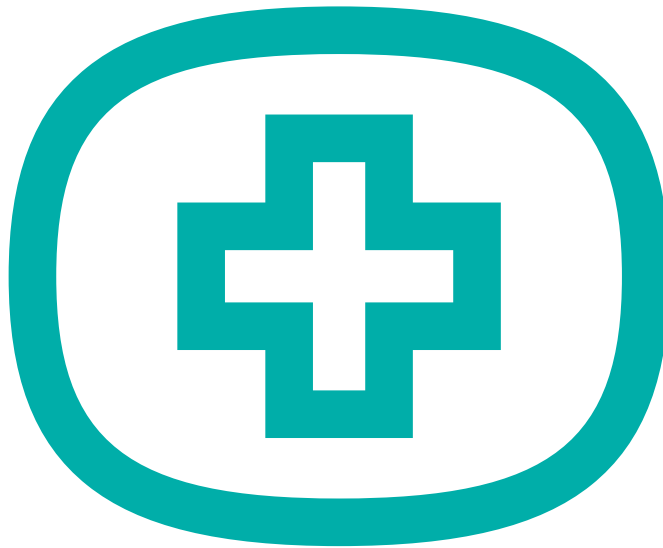


Pilot Assessment

Content is Subject To Change Prior to Full Implementation



Dental Assisting - Pilot

NOCTI

JOB READY ASSESSMENT BLUEPRINT

DENTAL ASSISTING - PILOT

Test Code: 4326

Version: 01

Specific Competencies and Skills Tested in this Assessment:

Introduction to the Dental Assisting Profession

Demonstrate understanding of ethics and jurisprudence regulations as they relate to the dental profession

Identify career roles, functions, professional organizations, and limitations of a dental assistant

Identify the major dental specialties

Communication Skills and Business Office Procedures

Demonstrate knowledge of documentation of patient record, status, and treatment

Recognize importance of maintaining procedures for legal access to patient records according to HIPAA standards

Demonstrate knowledge of scheduling and maintaining the appointment book

Infection Control and Safety

Demonstrate understanding of steps to be followed after a bloodborne pathogen exposure incident

Demonstrate knowledge of waste and hazardous materials disposal in compliance with federal regulations

Demonstrate understanding of personal safety and hygiene maintenance according to CDC, EPA, and OSHA guidelines

Demonstrate understanding of disease transmission and asepsis procedures

Demonstrate understanding of pre-cleaning, disinfection, sterilization, and water line maintenance according to federal guidelines

Dental Assisting - PILOT (continued)

Laboratory Procedures/Materials and Instruments

Demonstrate understanding of preparation of various impression materials (e.g., models)
Identify laboratory equipment and their uses
Demonstrate knowledge of safety and infection control

Chairside Procedures/Materials and Instruments

Demonstrate knowledge of Vital Sign Assessment steps and medical history review
Demonstrate knowledge of oral condition charting
Demonstrate knowledge of moisture control maintenance during dental procedures
Demonstrate understanding of how the armamentarium relates to composite resin and amalgam restorations
Demonstrate knowledge of preparation of preliminary impressions and various temporary/permanent dental materials
Demonstrate understanding of instrument and material transfer (e.g., 4-handed, 6-handed)

Radiological and Digital Imaging Procedures

Demonstrate knowledge of radiological and digital imaging techniques
Demonstrate understanding of the importance of radiation protection
Demonstrate understanding of infection prevention and control techniques

Dental Sciences

Demonstrate knowledge of head and neck anatomy
Demonstrate understanding of numbering systems of permanent and primary dentitions
Demonstrate understanding of the tissues of the teeth, the functions and landmarks of the oral cavity, and classifications of occlusions

Dental Pharmacology (anesthesia and pain control)

Demonstrate understanding of medications used in dentistry
Demonstrate understanding of the use of anesthetic agents
Demonstrate understanding of the principles of pharmacology
Demonstrate knowledge of procedures related to medical emergencies and special needs

Dental Assisting - PILOT (continued)

Written Assessment:

Administration Time: 2 hours and 30 minutes

Number of Questions: 134

Areas Covered:

- 8% Introduction to the Dental Assisting Profession
- 7% Communication Skills and Business Office Procedures
- 18% Infection Control and Safety
- 7% Laboratory Procedures/Materials and Instruments
- 18% Chairside Procedures/Materials and Instruments
- 17% Radiological and Digital Imaging Procedures
- 16% Dental Sciences
- 9% Dental Pharmacology (anesthesia and pain control)

Sample Questions:

Which dental specialty treats malocclusion?

- A. endodontics
- B. periodontics
- C. orthodontics
- D. prosthodontics

Disposable suction traps should be replaced _____ to maintain proper vacuum strength.

- A. weekly
- B. monthly
- C. quarterly
- D. annually

Dental handpieces should be lubricated

- A. after removing from the ultrasonic
- B. only when required by manufacturer
- C. before each use, after sterilization
- D. after each use, before sterilization

When measuring a patient's _____ the cuff is placed around the brachial artery.

- A. pulse
- B. respiratory rate
- C. body temperature
- D. blood pressure

Dental Assisting - PILOT (continued)

When charting, green indicates treatment by

- A. an endodontist
- B. the doctor
- C. the current office
- D. another dentist

For surgical extraction, the correct suction tip to use is

- A. saliva ejector
- B. high-volume evacuator
- C. surgical suction
- D. air water syringe

The _____ technique may be used in a situation where a patient has a small mouth, shallow palate, or the presence of tori.

- A. paralleling
- B. bitewing
- C. bisecting
- D. long-cone

After taking a digital radiograph, the _____ should be sterilized.

- A. bite holder
- B. X-ray cone
- C. sensor
- D. film

The horseshoe shaped bone under the tongue muscle is referred to as

- A. vomer
- B. mandible
- C. sphenoid
- D. hyoid

Another word for primary teeth is

- A. succedaneous
- B. edentulous
- C. deciduous
- D. supernumerary

Dental Assisting – PILOT (continued)

Performance Assessment:

Administration Time: 1 hour and 50 minutes

Number of Procedures: 8

Areas Covered:

- | | |
|-----|--|
| 14% | <p><u>Procedure 1: Treat a Contaminated Tray and Prepare Instruments for Sterilization</u>
<i>Participant will assemble materials and equipment necessary, separate waste, sort instruments, place into ultrasonic, turn on and verbalize process, remove instruments, and prepare for autoclaving.</i></p> |
| 8% | <p><u>Procedure 2: Oral Hygiene Instructions</u>
<i>Participant will demonstrate and explain the proper technique for brushing and flossing.</i></p> |
| 7% | <p><u>Procedure 3: Mix IRM</u>
<i>Participant will demonstrate the proper technique for mixing IRM, test for proper consistency, and clean area when finished.</i></p> |
| 16% | <p><u>Procedure 4: Assemble and Disassemble Aspirating Syringe</u>
<i>Participant will properly assemble and disassemble an aspirating syringe in preparation for a block injection following the correct safety and sanitation procedures.</i></p> |
| 14% | <p><u>Procedure 5: Take an Impression</u>
<i>Participant will properly assemble the appropriate armamentarium, make and disinfect the impression following the correct safety and sanitation procedures.</i></p> |
| 15% | <p><u>Procedure 6: Prepare a Class III (Anterior) Composite Tray</u>
<i>Participant will choose the appropriate instruments and armamentarium for composite restoration following the correct safety and sanitation procedures.</i></p> |
| 16% | <p><u>Procedure 7: Position HVE and Air Water Syringe and Transfer Instruments</u>
<i>Participant will assist operator in a chairside procedure demonstrating the correct placement and transfer of the HVE, air water syringe, and necessary instruments following operators' instructions, then disassemble HVE and air water syringe and clean area.</i></p> |

Dental Assisting - PILOT (continued)

10%

Procedure 8: Assemble XCP

Participant will assemble and present holder for maxillary anterior exposure, mandibular left posterior exposure, and bitewing exposure.

Sample Job:

Procedure 1: Treat a Contaminated Tray and Prepare Instruments for Sterilization

Maximum Job Time: 10 minutes

Participant Activity:

Participant will assemble materials and equipment necessary to prepare instruments for autoclaving, separate waste, sort instruments and place into ultrasonic, provide verbal instructions, remove instruments, and prepare for autoclaving.