

International Dentist Program (IDP) 2023-2024 Admissions Cycle Bench Test Guidelines

Prepared by Dr. Lata Shenoy

The purpose of this document and its associated attachments is to explain what will occur on the day/time of your assigned bench test, the materials the school will provide, what is expected of you, the “CANDIDATE”, and finally how you will be assessed on the day of your scheduled bench test. All the information given in this document will help candidates to be adequately prepared and understand what is expected from them during the bench test examination.

Written Examination:

*There will be **NO written examination** given during the bench test.*

Duration of Exam and Delivery of Instruments:

- Dr. Shenoy will start the instructions at 8:30.
- You will be responsible for five procedures.
- Detailed instructions for each procedure will be given at that time.
- There will be a question-and-answer period following the instruction.
- You will then be escorted to the clinic where Dr. Shenoy and staff will provide a quick orientation of clinic set-up.
- The exam will start at 9:30 and will end at 3:00 pm.
- Upon completion of your exam, all instrument cassettes, bur box, typodont etc. will be checked by SDM staff. Dr. Shenoy will sign the exit form, and you then must leave promptly after completion. (Bench test is done in the simulation clinic)
- The School of Dentistry will provide lunch between 11:30 a.m. and 1:00 p.m.

Clinic Attire: Dress code at SDM

Scrubs- (any color) or; Civilian clothes -with the following exceptions:

- **No Jeans**
- **No open toe shoes**
- **Females- Skirt length below knee**
 - **No plunging neckline**
- **Males- Slacks, Shirt, and tie**
- **Clinic PPE (personal protective equipment) must be worn.**
- **Clinic disposable gowns, gloves, and masks will be provided by the school.**

Eye Protection Protocol-Please read carefully

Protective eyeglasses must be worn during preparations and restorations of a tooth.

Candidates are responsible for using their own protective eyeglasses, prescription or non prescriptionh, with side shields. (Side shields are available in the clinic if you need them).

Magnification loupes are at the discretion of the candidate.

Face Shields are not considered an eye protection device.If the candidate wishes to wear one, it must be over a proper eye protection device.

Ill-fitting eyeglasses may cause fogging when used over the facial masks. Please take that into account and are therefore advised to have proper fitting glasses.

Each candidate is expected to complete the following preparations and restorations during the exam:

Tooth Preparations • Each candidate will independently prepare:

1. one Metal ceramic crown preparation for a maxillary anterior tooth.
2. one Amalgam preparation for any posterior tooth (Class II).
3. one Composite resin preparation for any posterior tooth (Class II).

Restorations • Each candidate will independently restore:

1. one Class II amalgam on standard prep tooth.
2. One Class II composite on a standard prepared tooth

NOTE: A “standard prep tooth” means the tooth has amalgam or composite preparation created in it by Kilgore International

The School of Dentistry uses the Universal Numbering System for tooth classification. It is the candidate’s responsibility to demonstrate application of the Universal Numbering System during the bench test. Accordingly, candidates are also responsible for obtaining any necessary reference material. The materials below are suggested references that are presently used in the predoctoral program.

Suggested references:

1. *Fundamentals of Operative Dentistry*, James Summitt et al. Quintessence Publishing Co.
2006 3rd Edition.
2. *Contemporary Fixed Prosthodontics*, Rosenstiel et al. Mosby, 2006 Fourth Edition.

Materials and Instruments to be supplied by the School on the day of the exam:

The Dental School will supply typodonts, instruments, handpieces, new burs, and *Expendables. All preparations will be completed in the clinic setting. Please note that the **teeth** cannot be removed from typodonts. The typodonts to be used for the bench test are provided by Kilgore International. Candidates will not be allowed to bring their own instruments or burs.

*Expendables items will include wooden wedges, cotton rolls, 2x2 gauze, articulating paper, tray covers, disposable suction tips, etc.

Matrix Band with Holders **attached**

A. Omni Matrix (Ultradent Product)

Choices

1. Ultra-thin metal band
2. Metal band
3. Mylar band

B. Tofflemire Matrix Bands-to be used with Tofflemire matrix band holder

Choices

1. Universal Band
2. MOD Adult wide .0015
3. MOD Adult narrow .0015

C. Sectional matrices with holder available on request. (Palodent with v rings. V3 tab Matrix S, M, L)

Clinical Set-Up

1. Manikin

Each candidate will be assigned use of a manikin. Manikins will be mounted to a regular clinical dental unit with air, water, light, high and low evacuation, and high and low speed turbines.



2. Kilgore Model #D95SDP-200 typodont (enlarged from above)



Dental hand pieces

Candidates can request air driven or electric handpieces

1. High speed hand piece with fiber optics
2. Slow speed latch contra angle
3. Low speed friction grip

The following Brasseler Diamond and Carbide burs will be provided on bur blocks:



Bur Block will have two rows of burs. The row closest to hinge as seen in the picture are for direct restorations (amalgam and composites). The row below holds burs and diamonds for indirect restorations. (crowns).



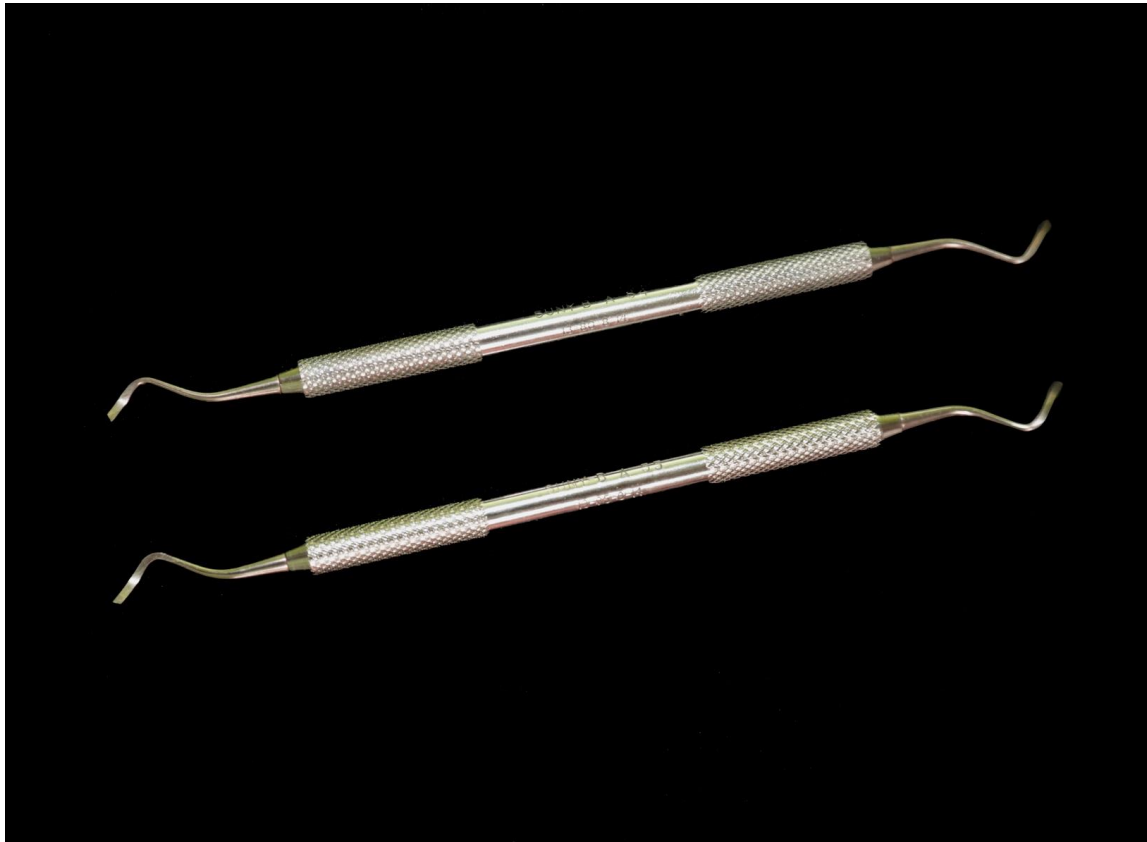
A resin polishing kit will be provided

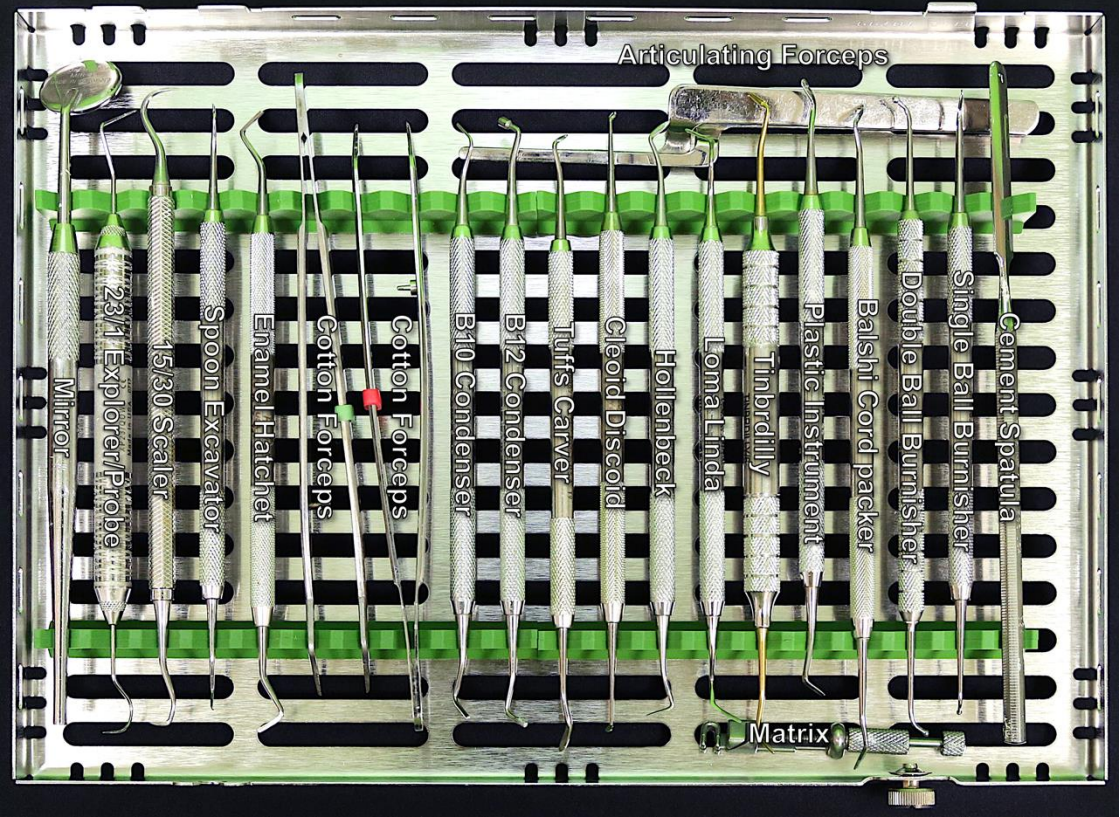
Instrument Cassette

The instrument cassette consists of the following items. *(Photo on next page)*

- Air/water syringe tip
- 1.5-2.0 mm (about 0.08 in) ball burnisher
- 1 mm (about 0.04 in) ball burnisher
- Plastic Instrument B44
- Composite placement instrument
- Interproximal carver, C43
- Hollenbeck carver C40
- Cleoid Discoid
- Tuff's carver
- Condenser B10 and B12
- Crown and bridge scissors
- Hemostat
- Enamel hatchet 1 mm (about 0.04 in)
- Spoon excavator
- 15/30 scaler
- 23/1 Explorer Probe
- Mirror with handle
- Tofflemire Matrix band holder

Marginal Trimmers are also available upon request





****For your convenience, mechanical pencils and pens will be provided on site for your use.**

Clinical Testing Environment

To provide an optimal testing environment in a distraction-reduced setting where all candidates have equal opportunity for concentration, all electronic devices should be set to silent mode and powered off completely. You will be asked to store such items in the designated area.

Academic Honesty and Integrity

The University has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Candidates are responsible for the honest completion and representation of their work and for respect for others' academic endeavors. By placing their name or student identifier on official bench test documents, candidates certify that the work is theirs and theirs alone.

Bench Test Questions & Contact Information:

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