



NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

2026-2027 ACADEMIC YEAR

DPC200 YEAR 2 PRACTICAL COMMITTEES

MATERIALS & EQUIPMENT LIST

DPC200 EQUIPMENT COMMONLY USED IN PRACTICAL SUBCOMMITTEES

Models

- Frasco AG-3 (Original) Lower-Upper Jaws – 2 pcs each (total 4 pcs)
(Note: For Restorative Dentistry lab Edudent brand is accepted for jaw models)
- Frasco Replacement Teeth (Original) – varies by subcommittees – see related subcommittee list.

Rotary Devices

- Micromotor + Micro-motor Arm
- Contra-angle hand-piece
- Burs for contra-angle – varies by department – see related department list
- High speed handpiece (Air turbine)
- Straight hand-piece
- Lubricant for hand-pieces

Hand Tools

- Periodontal probe (mm marked) → 2 pcs
- Explorer (probe) (3 pcs: 2 curved, 1 straight)
- Tweezers (2 pcs)
- Cement mixing glass slide (5 pcs)
- Cement spatula (3 pcs)
- Excavator (2 pcs)
- Plastic (2 pcs)

Other instruments

- Hand blower
- Spirit burner
- Pink wax
- Name tag
- Toothbrush
- Small pliers
- Transparent zip lock plastic bag (small – for teeth model)
- Sticker Label for student to write their name on and stick it on the zip lock bag
- Permanent marker – fine tip (small)
- Small Phillips screwdriver (for removing and installing teeth)
- Scissors
- Tarp or disposable protective cover (40x70 cm)

Protective equipment

- Surgical mask
- Gloves
- Surgical or Bouffant caps
- Protective goggles
- Long-sleeve white lab coat
- Protective face shield

In addition to the materials listed above, other materials and equipment that will be used in different practical subcommittees are listed under the regarding practical subcommittee.

PROSTHODONTICS SUBCOMMITTEE

- Frasaco replacement teeth (Original Frasaco)
- Self-cure acrylic resin (white) (powder/liquid) (for temporary crown/bridge fabrication)
- 2 occlusors
- Flexible mixing bowl & alginate/plaster spatula
- Isolant & brush
- Pumice
- Alcohol
- Spatula (Wax spatula + Modeling Spatula)
- Glass dappen dish
- Articulating paper
- Reinforced plaster
- Plaster (white)
- Plaster knife
- Type C Impression Material (Heavy Body + Light Body + Activator)
- Alginate Impression Material
- Prefabricated Metal Impression tray (no 2)
- Die pin
- Inlay wax
- Frasaco silicone matrix (upper and lower jaw)

Contra-angle burs

- Fissure (3 pieces)
- Chamfer (3 pieces)
- Flame (3 pieces)
- Football (bowling pin) (3 pieces)

Straight handpiece burs

- Monster (Hard) Bur
- Pink Stone Bur
- Bristle Bur
- Felt Bur
- Cotton Bur
- Sanding Bur
- Carbon Separation Bur

RESTORATIVE DENTISTRY SUBCOMMITTEE

Individual Buying Materials

Artificial Teeth

- Frasco transparent block - 1 set - model no: A-PT product link
- Replacement teeth model - at least 8 of each (Frasco & Edudent Brands are accepted)
- Upper 1st Molar
- Upper 2nd Molar
- Upper 1st premolar
- Upper 2nd premolar
- Lower 1st Molar
- Lower 2nd Molar
- Lower 1st premolar
- Lower 2nd premolar

Hand Tools

- Bal burnisher for cement placement → 0.7 mm or less - variable sizes 3 pcs
- Amalgam gun
- Amalgam condenser (flat end) → 1 mm or less - variable sizes - 3 pieces
- Amalgam condenser (serrated end) → 1 mm or less - variable sizes - 3 pcs
- Carver (conical) → 2 pcs
- Carver (clenoid) → 2 pcs
- Burnisher (egg) → small - variable sizes - 2 pieces
- Excavator → 1 mm or less - 2 pcs

Burs/drills for Rotary Devices

- Diamond Round bur (black or green) - Diameter 1-0.7 mm (diameter code 010 - 007) - 10 pcs
- Diamond Needle bur (red) → at least 5 mm long - 3 pcs
- Diamond Fissure/cylinder bur (red) - Diameter 0.8-0.7 mm (diameter code 008-007), at least 5 mm long - 10 pcs
- Diamond Fissure/cylinder bur (black or green) - Diameter 1-0.7 mm (diameter code 010-007), minimum 5 mm long - 10 pcs
- Diamond inverted cone bur (black or green) - Diameter between 0.8-0.7 mm (diameter code 008-007) - 3 pcs
- Amalgam polishing points (brown, green, yellow, white) 3 sets
- Arkansas stone - narrow tapered tip - 3 pieces

Matrix Systems and bands

- Tofflemire matrix - 2 pcs
- Ivory matrix - 1 piece
- Tofflemire matrix band - 1 box (5mm x 0.05mm)
- Ivory matrix band - 1 pack (3 hole - high)
- Ivory matrix band - 1 pack (3 hole - short)
- Ivory matrix band - 1 pack (2 holes - short)
- Anatomically formed interdental wedge (different sizes - as a set)

RESTORATIVE DENTISTRY SUBCOMMITTEE

Group Buying Materials

Base and liner materials

- Zinc phosphate cement - powder/liquid (for each 3 students)
- Glass ionomer cement - powder/liquid (3 students)
- Calcium hydroxide base material - paste/paste (Dycal, Kerr Life or other brands) (1 pack per group (A/B))
- Capsule amalgam 1 serving - 1 box (6 students)
- Capsule amalgam 2 servings - 1 box (6 students)

Other materials

- Composite polishing disc (1 set) - (3 students)

ENDODONTICS SUBCOMMITTEE

1. BASIC MATERIALS

- White scrub top and trousers
- Paper towel roll
- Large pack of wet surface cleaning wipes
- Disposable protective sheet (e.g., baby changing mat) for covering the work surface
- Large metal dental tray (large size is mandatory)
- Face masks (1 box)
- Disposable gloves (1 box)
- Dental surgical cloth cap (fabric cap is mandatory)
- Clear protective eyewear or face shield
- Fine-tip permanent marker
- Mechanical pencil (0.5 mm, HB)
- Erasers
- A4 drawing pad or A4 notebook
- Scissors
- Endodontic ruler or graph paper
- Transparent resealable plastic bags and labels for the bags (for specimen/material submission)
- Cardboard or plastic cups

2. HAND INSTRUMENTS

- Standard dental explorer
- Endodontic explorer (DG 16)
- Endodontic explorer (DG 17)
- College tweezers / dental cotton pliers
- Cement spatula and glass mixing slab

3. ROTARY / DYNAMIC HANDPIECES

- Contra-angle handpiece and micromotor

4. BURS

- Endo-Z bur (compatible with the contra-angle handpiece)
- Fine, long diamond fissure bur (compatible with the contra-angle handpiece)
- Diamond round burs (small, medium, and large sizes; compatible with the contra-angle handpiece)
- Gates-Glidden burs, sizes 1-6 (assorted set, 2 sets)

5. DISPOSABLE MATERIALS

- 2 mL dental syringes with fine tips and 27G, 15-mm needles (15 pieces)
- Self-developing dental X-ray films (*may be purchased collectively*)
- Protective sleeves/covers for X-ray films

6. ENDODONTIC CONSUMABLES

A. HAND FILES

- #06 K-type hand files, 25 mm (2 sets)
- #08 K-type hand files, 25 mm (2 sets)
- #10 K-type hand files, 25 mm (2 sets)
- #15-40 H-type hand files, assorted, 25 mm (2 sets)
- #45-80 H-type hand files, assorted, 25 mm (1 set)
- #15-40 K-type hand files, assorted, 25 mm (1 set)
- #45-80 K-type hand files, assorted, 25 mm (1 set)
- #15-40 K-type hand files, assorted, 31 mm (1 set)
- #45-80 K-type hand files, assorted, 31 mm (1 set)

B. GUTTA-PERCHA

- #15-40 assorted gutta-percha points
- #45-80 assorted gutta-percha points
- #20 gutta-percha points
- #25 gutta-percha points

C. PAPER POINTS

- #15-40 assorted paper points
- #45-80 assorted paper points

D. ROOT CANAL FILLING MATERIALS

- #15-40 assorted spreader (1 set)
- Endomethasone root canal sealer (powder and liquid) (*may be purchased collectively*)

7. OTHER MATERIALS

- Transparent cold-cure acrylic resin
- Pink modeling wax
- Ergonomic dental loupes with light, providing at least 3× magnification

Note: The use of dental loupes is recommended because they provide enhanced visualization during endodontic procedures. However, loupes are not mandatory.

8. EXTRACTED NATURAL TEETH

Students are required to obtain caries-free extracted natural teeth for endodontic practice.

The following types of teeth are required:

- **Maxillary and mandibular anterior teeth**
 - Central incisors
 - Lateral incisors
 - Canines
- **Maxillary and mandibular premolars**
 - Both single-rooted and double-rooted maxillary premolars
- **Maxillary and mandibular molars**

IMPORTANT NOTE

Endodontic plastic training teeth with artificial root canals are not recommended, as they are relatively expensive and do not adequately reproduce the anatomical characteristics and clinical properties of natural teeth.

However, plastic training teeth will be accepted for students who are unable to obtain extracted natural teeth.

Plastic training teeth for endodontic practice (the crowns must be white):

