We at Case Western Reserve University welcome you to our School of Dental Medicine. This manual was developed to help you get acquainted with our facility and its ancillary support systems. We wish you well on this leg of your journey in the profession of Dentistry.

Case Western Reserve University, School of Dental Medicine is making its facilities available to the Western Regional Examining Board (WREB) as a testing site. This handout is intended to address questions you may have regarding the facility and its role in the examination. If you need any additional information or clarification please contact the Office of the Associate Dean for Administration at 216-368-1900 or gmi7@case.edu. However, please do not call the school for any interpretation of material contained in your WREB Candidate Manual.

Questions regarding the examination itself (content, patient requirements, paperwork/forms, etc.) should be directed to the WREB office: (623-209-5400) www.wreb.org
PATIENT PROCUREMENT

Patient brokering, i.e., the selling of patients, will not be tolerated under any circumstances within the School of Dental Medicine and/or on the premises of the university. Violation of this rule will result in immediate removal from the campus of the university.

You must provide your own patients. The School of Dental Medicine will not furnish any patients or make any of its clinic records available for screening or for use during the examination. Further, the School of Dental Medicine has no external sources from which the potential patients can be drawn. You are strongly advised to bring your own patients with you. If you cannot, you will need to explore other alternatives (private practitioners in the area, personal contacts, community shelters, etc.) on your own.

PATIENT SCREENING

No patient screening will be entertained at CWRU.

EQUIPMENT AND SUPPLIES

The following clinic/laboratory supplies will be furnished during the examination:

- Amalgam Alloy (single spill)
- Impression materials (see following comments below)
- Anesthetic - topical and local
- Lab stones
- Articulating paper
- Lubricant (Vaseline)
- Autoclave tape
- Masks
- Bags, biohazard, sterilization
- Matches
- Calcium Hydroxide (Dycal)
- Mouthwash
- Cements (see following comments below)
- Needles (27 long) and (30 short)
- Cotton rolls and pellets
- Paper towels
- Cotton-tipped applicators
- Patient bibs
- Cups (Dixie)
- Prisma gloss
- Disinfectant Caviwipes and Citrace
- Prophy paste
- Ethyl alcohol (for torches)
- Pumices
- Evacuation and saliva ejector tips
- Retraction cord
- Facial Tissue
- Non-Latex Rubber Dam and napkins
- Floss, unwaxed
- Soap
- Gauze sponges (2x2)
- Temporary crowns (polycarbonate and ion)
- Gloves, examination type (non latex)
- Tongue blades
- Headrest and chair covers
- Tray covers
- Hemostatic Agent
- Trays for instruments (disposable)
- Waxes, various
- Exaflex Putty (Regular Set) by GC America

Comments:
The Exaflex material will be available at the Dispensary window and must be mixed there.
The putty matrix index must be completed prior to receiving permission to proceed with the Prosthodontic section.
Available impression materials include alginate and vinyl polysiloxane (Aquasil) only. You must provide any other impression materials you wish to use. Cements on hand include, glass ionomer and hybrid glass ionomer, zinc phosphate, zinc oxide-eugenol, and IRM. We are a non-latex school.

We will be using shrouds/facemasks in the Endodontic and and Prostodontic portion of the exam, the kavo units have shrouds/facemasks already installed so please take note of this prior to choosing a site.

The Prostodontic materials provided in the SIM Clinic will be the following: Exaflex, disposable impression trays, alginate, and stone for impression pour ups. All other equipment and instruments are the Candidate's responsibility.

Supplies furnished for the endodontic portion are listed below. If you use lateral condensation, you must supply your own condensers and master/accessory points. **Hand pieces and motors, hand instruments, condensers, spatulas, etc. and burs will not be provided.**

Sodium Hypochlorite  
Irrigation syringe  
Files (#10- #80)  
Paper points (#45 fine, #60 med, #80 coarse)  
Gauze sponges (2x2)  
Pulp canal sealer (Roth)  
Gutta percha

For the Endodontic examination in the Den Sim Laboratory, two conventional x-ray units and digital sensors will be provided to acquire radiographs.

You must furnish your own equipment (hand pieces and motors, burs, hand instruments, anesthetic syringes, casting rings, investment materials impression trays, casting torch, etc.) Case will not provide the cavitron and cavitron tips, you must bring your own cavitron + tips to the exam. If an item is not on the foregoing lists, bring it with you. **The School will assume no responsibility for any omissions in your armamentarium.**

Additionally, for the Endodontic portion of the examination you will need to purchase an Endodontic typodont model # MP_E 120_PC. This model is the Magnetic Mount. For the Prosthodontics section, you will be required to purchase the Modu Pro One, MP_R320. This may be purchased from the following sources:

- **Acadental (Endo)**- $214.75 + tax
- **Acadental (Prosth)**- $240.75 + tax
- 5830 Woodson, Ste 3  
- Mission, KS 66202  
- 913-384-7390  
- www.acadental.com/wreb
- **Henry Schein Store (Endo)**- $194.55 + tax
- **Case School of Dental Medicine**
- 2124 Cornell Road  
- Cleveland, Ohio 44106  
- 216-368-2771

**EQUIPMENT RENTAL**

Clinical instruments, hand pieces (high speed and low speed), sonic and ultrasonic scalers will not be available for rental. All air driven hand pieces are six (6) hole (pictured) in our clinics. If you have a four (4) hole, you will need to provide an adopter to get to six (6) pin. A four (4) hole hand piece may leak air therefore, you would need an adapter to convert the hand piece into a six (6) hole.
The School has Bien Air Electric handpiece Control boxes in all operatories in the DMD Clinics and Simulation Clinic. The hand pieces themselves adapt to:

**Bien Air MX2 LED MOTOR # 1600677-001**  
High Speed # CA 1541  
Slow Speed (Latch) # CA 1142  
Nose Cone # PM 123  
All use 6 pin hoses

All Electric Hand pieces use Bien Air Hose MX2 400 Grey # 1600700-001  

The Air Driven Hand pieces use Bien Air Hose #1600097-001 SN 11D  

**Extra Information regarding the electric hand pieces CWRU students receive:**
- MX2 electric micro motor  
- CA 1:5 Electric High-speed Hand piece  
- CA 1:1 Electric Slow speed Hand piece  
- PM 1:1 Electric Straight Hand piece  
- They also received an Air Driven High-speed which is the Bora L, and it uses the Unifix 4H L coupling

If you have any questions or concerns regarding hand pieces related to the board exam, please e-mail Mr. Adam Majette at axm696@case.edu

The school’s in-house student store (Henry Schein) is open Monday–Friday 9:00a.m. to 4:00 p.m. and it will be available thru Saturday during WREB. Inventory is very limited and designed to accommodate our students’ needs. Therefore, you are encouraged to contact any of the local dental suppliers listed below if you wish to purchase any instruments or equipment:

Henry Schein 216-368-2771  
Patterson Dental 440-891-1050
CWRU students here use one type of Cavitron and/or Piezo Newtron.

**Dentsply Cavitron Plus:**

You would have to bring your own cavitron and tips to take the boards at CWRU.


If you plan to do any laboratory work in the third floor laboratory, you will also have to utilize equipment that adapts to a four hole system. If you utilize the clinic floor laboratory, you will need a moto tool.

If you have questions in this regard, please contact the Associate Dean for Administration at (216) 368-1900.

**CLINIC OPERATORY EQUIPMENT**

Each clinic operatory is equipped with Adec units. The operatory unit has:

1. Bien Air Hose #1600097-001 SN 11D This tubing has coolant water fiber optics and is used with the Air driven high-speed hand piece, Bien Air 6 pin (hole) fiber optics.
2. The control box is available for the Bien Air Electric High Speed, air driven optic high speed with coupling, Bien Air Hose MX2 400, Grey #1600700-001
3. Tri-function air/water syringe
5. If you prefer to use the electric hand piece, you would need to bring: latch type electric hand piece, nose cone electric hand piece, MX micro-motor
LABORATORY EQUIPMENT

The clinic laboratory has individual bench spaces with air, electrical and gas outlets only. It also has one model trimmer, two vibrators; one vac-u-spat mixer. You must furnish your own lab burs, alcohol lamps or Bunsen burners and torches.

The Preclinical laboratories have individual bench spaces, each equipped with high and slow speed hoses (see page 3 for images). They also have model trimmers, vibrators, and combination vac-u-spat mixers.

You must furnish your own alcohol lamps or bunsen burners and torches.

Please note:
These rooms will be used for the endodontic and prosthodontic portions of the examination during the day. There are 2 wet labs available for pouring impressions if needed as part of the examination.

EQUIPMENT MALFUNCTIONS

If you experience any equipment malfunctions report them to the Office of the Associate Dean for Administration at extension (216) 368-1900 or extension (216) 368-6823. An on-site technician will be sent immediately to your area to affect the necessary repairs.

We encourage the Candidates to visit our school ahead of the scheduled exam to try their instruments and make sure that they are working properly to avoid any accidents during the actual examination. Please feel free to call Ms. Gladys Ina to schedule a date and time for the visit at 216-368-1900

INFECTION CONTROL

Universal Precautions
The School requires the use of universal barrier protection (gloves, face masks, eyewear, and protective clothing - clinic coats, gowns) during all direct patient contact. Gloves and face masks will be made available, but you will be responsible for providing OSHA-acceptable eyewear for you and your patients.

Clinic Attire
You must provide your own clinic attire which must meet the standards imposed by WREB. The school will provide clinic coats and gowns to be worn only in the clinic areas. They may not be worn outside the treatment area.

Surface Asepsis
Use of wipe and wire technique for surface disinfectant of the clinic operatory (patient chair, operator and assistant cart/stools, light handles, counter tops, etc.). The following materials and supplies will be available in the clinics for appropriate infection control purposes:

Caviwipes (at each operatory)
Citrace spray (at each operatory)
Plastic chair covers for the dental chair
Barrier film to cover unit light and handles after disinfection
Syringe sleeves for air/water syringe handles
Red biohazard bags for disposal of contaminated items
Hazardous Waste Disposal
Place contaminated items (gloves, used gauze, cotton rolls and such disposable as saliva ejectors and evacuation tips) in the plastic red biohazard bag provided. At the end of treatment, deposit these bags in the biohazard-labeled trash-labeled trash receptacles located in each clinic.

Sharps/Amalgam Disposal
Place all needles, scalpel blades, and other sharps in the red plastic sharp containers located in every aisle. Place all amalgam scrap in plastic amalgam scrap containers also located in every aisle.

STERILIZATION
The main sterilization facility is located on the ground floor of the Dental Clinic. The sterilization schedule will be posted during the examination. Sterilization bags will be available on the Clinic Floor. You must clean/bag your instruments and appropriately identify them to ensure their return to you. Sterilization will not accept any items that have not been appropriately prepared (including candidate identification).

EMERGENCY PROTOCOL
For the management of medical emergencies at the School of Dental Medicine, a medical emergency kit is available at the dispensary. Positive pressure oxygen is available in each clinic, and ammonium capsules are available in each operatory. Posted on the wall of each clinic will be the Emergency Protocol of the School. A copy of this protocol is attached (please refer to page 10).

The examiner will have access to the school’s automatic external defibrillator (AED) and provide appropriate action according to the American Heart Association (AHA) standards until emergency responders arrive.

TOUR
The Candidate tour is held prior to Candidate Orientation. Time TBA

FOOD/LUNCH FACILITIES
The Samson Pavilion building has numerous food vending machines on the first floor. There are also numerous restaurants located on Chester Avenue. Information desk staff will be happy to provide you with additional information about local restaurants and other facilities. Candidates should inform their patients to eat before coming to the exam or candidates may choose to bring a small amount of food and beverage for their patients that the on-site. However, food or drink are not allowed in any areas near the candidate clinics or check in desk during the examination.
DIRECTIONS/PARKING TO THE SCHOOL OF DENTAL MEDICINE

A parking map follows for your convenience. Please find Parking and Driving Directions on the following link: https://case.edu/dental/patients-clinics/directions-and-parking-information

If you need additional assistance in finding the School, please call 216-368-1900.
<table>
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<tr>
<th>HOTELS</th>
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<tr>
<td><strong>Residence Inn by Marriot</strong></td>
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<tr>
<td><strong>Courtyard Marriott</strong></td>
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<td><strong>Glidden House</strong></td>
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<td><strong>Intercontinental Hotel</strong></td>
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<tr>
<td><strong>Cleveland Clinic Guest House</strong></td>
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<td><strong>InterContinental Cleveland</strong></td>
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<tr>
<td><strong>InterContinental Suites Hotel</strong></td>
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<tr>
<td><strong>Holiday Inn Cleveland Clinic</strong></td>
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**Downtown/25 minutes - 30 minutes by automobile:**

| **Crown Plaza Hotel**            | 777 E. St. Clair Avenue | 216-771-7600 |
| **Embassy Suites**               | 1701 E. 12th Street     | 216-523-8000 |
| **Doubletree Cleveland Downtown**| 1111 Lakeside Avenue    | 216-241-5100 |
| **Marriott Society Center**      | 127 Public Square       | 216-696-9200 |
| **Renaissance Hotel**            | 24 Public Square        | 216-696-5600 |
| **Ritz-Carlton**                 | 1515 W. 3rd Street      | 216-623-1300 |
| **Wyndham Hotel**                | 1260 Euclid Avenue      | 216-615-7500  Or 877-999-3223 |

Please contact your hotel choices directly for information about room rates, facilities, proximity to the School of Dental Medicine, transportation, etc.

**Guests of the InterContinental Hotel, InterContinental Suites, and Holiday Inn Cleveland Clinic can board the shuttle just outside the hotels main entrance and request drop off at the HEC. Do not call the School for this information.**
MEDICAL EMERGENCY POLICY and PROCEDURES

POLICY:
- THE SCHOOL OF DENTAL MEDICINE WILL PROVIDE BASIC RESUSCITATION MEASURES WITHIN OUR OWN FACILITY.
- HOSPITAL PHYSICIANS ARE **NOT** AVAILABLE TO COME TO THE CLINIC TO PROVIDE EMERGENCY CARE.
- THE PATIENT IS **NOT** TO BE TRANSPORTED BY SCHOOL OF DENTAL MEDICINE PERSONNEL TO THE EMERGENCY ROOM OF THE HOSPITAL. THIS IS THE RESPONSIBILITY OF THE UNIVERSITY CIRCLE POLICE OR THE EMERGENCY MEDICAL SERVICE.
- NOTIFY CWRU SCHOOL OF DENTAL MEDICINE SAFETY OFFICER AND/OR DISPENSARY MANAGER ANYTIME THERE IS AN EMERGENCY SITUATION.

Procedure # 1 - EMERGENCY SITUATIONS IN CLINICAL AREAS DURING NORMAL WORKING HOURS (8:30 am – 5 pm)

1. Attending student must stay with patient.
2. Attending student summons anyone nearby to call nearest instructor.
3. Attending student and instructor will administer first aid. Basic resuscitative procedures must be initiated as required.
   a. Oxygen is available in each clinic and should be brought immediately to the patient.
   b. Emergency Kits are located in the DMD Dispensary and Oral Surgery.
   c. AEDs are located in Oral Surgery and on the wall in the corridor between the A and B clinic.
4. If the instructor requires additional assistance, the ORAL SURGERY CLINIC should be called at extension 368-2538 or 368-6749.
5. If at any time it is deemed that HOSPITAL EMERGENCY CARE is indicated, or there is no answer from the Oral surgery clinic, the following steps should be taken:
   a. Call UNIVERSITY SECURITY at extension 368-3333 for transport to University Hospital’s emergency room.
   b. University Security will ask if an ambulance is needed and this should be determined at the advice of the attending Oral Surgery Faculty/Residents or CWRU School of Dental Medicine Safety Officer or by the instructor that takes care of the situation.
6. Do not leave affected person unattended until help arrives.

Procedure # 2 - EMERGENCY SITUATIONS IN NON-CLINICAL AREAS DURING NORMAL WORKING HOURS (8:30 am – 5 pm):

1. Stay with affected person and immediately call for help or summon anyone nearby to call nearest instructor or faculty.
2. Provide basic resuscitation as required.
3. Have the person summoned call the ORAL SURGERY CLINIC at extension 368-2538. If there is no answer from the Oral Surgery Clinic call the UNIVERSITY SECURITY at extension 368-3333.
4. Do not leave affected person unattended until help arrives.

Procedure # 3 - EMERGENCY SITUATIONS IN ALL AREAS AFTER HOURS

1. Call UNIVERSITY SECURITY at extension 368-3333.
2. Provide basic resuscitation as required.
3. Do not leave affected person unattended until help arrives.

IMPORTANT NUMBERS TO REMEMBER AND REFER TO:

<table>
<thead>
<tr>
<th>Department</th>
<th>Phone number</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>ORAL SURGERY CLINIC</td>
<td>368-2538</td>
<td>During normal working hours only (8:30 am to 5 pm)</td>
</tr>
<tr>
<td></td>
<td>368-6749</td>
<td></td>
</tr>
<tr>
<td>CWRU SECURITY/POLICE</td>
<td>368-3333</td>
<td>24 hours, 7 days a week</td>
</tr>
<tr>
<td>EMERGENCY MEDICAL SERVICE</td>
<td>9-911</td>
<td>First dial 9 for outside line</td>
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