FAMD Laboratory Procedures and Policies

Lab access and schedule

All laboratory procedures are to be performed in the senior dental lab, S-393. This allows you access to the department’s laboratory support, Mr. Doug Aunan. It also ensures that your clinic area is neat and more easily maintained by our custodial staff. You will be assigned a lockable drawer for your lab instruments.

Laboratory hours are from 7:00am – 9:00pm daily. If a student(s) would like access to the lab during the weekend, it can be used on Sundays. The key to the lab and a signup sheet should be obtained from Becky Wageman-Lab Office (S107) by 4:30 pm on the preceding Friday. Students who have picked up the lab key should be prepared to open the lab no later than 2:00pm on Sunday. The key should be returned to Becky (in S107) on Monday morning. Whoever checks out the key, assumes role of lab monitor, the laboratory will be clean for Monday mornings or the privilege goes away.

All students should clean up after themselves – put away supplies that were used, wipe counter tops, replace cover slips, clean impression trays and lab bowls left by fellow classmates. Whoever is last to leave the lab is responsible for locking and closing the door.

For the evening hours which are from 6pm – 9pm – 2 senior students will be assigned lab monitoring duty. The names of individual students who are to serve as monitors and the dates they are to serve are posted on the lab bulletin board in S-393. Specific responsibilities for monitors are also posted there.

1. Custom post and cores fabricated with acrylic resin patterns

Most patterns will be invested and cast by outside laboratories. We also will utilize an impression technique for lab fabricated posts. Mr. Aunan can also cast custom post and cores in-house. An authorization slip to obtain gold for custom post and cores is available in the dispensary and needs to be signed by a department faculty. The student will invest the pattern with instructions posted in the Senior Lab. Advance notice is necessary.

2. Preparation of casts and completion of work authorizations

Laboratory forms for fixed and removable prosthodontics are available in the paperwork racks at each teaching station and in the Senior Lab S393.

Before any fixed work can be sent to a commercial lab, the impression must be approved and signed by the attending faculty and Mr. Aunan. It is best to have Mr. Aunan check all C & B impressions while the patient is here!
a. All casts should be accurately articulated (face bow and occlusal records may be required).
b. Working casts should be neat and clean. No voids or positive bubbles.
c. Access openings should be made at the end of the dies so that the debris can be easily cleaned out.
d. Margins on dies should be clearly defined and marked with a sharp red pencil.
e. Your impression and a solid cast should also be sent to the lab. An exception to this is dies that will be scanned.

For fixed cases involving surveyed crowns:

a. A gold removable partial denture designs sheet must be completed and signed by a faculty before a start check is given.
b. All tooth modifications on natural teeth (rest seats, guiding planes) should be completed before any fixed prosthodontic treatment is started.
c. Master casts must be surveyed and tripoded.
d. The design cast with the design clearly drawn should also be sent to the lab.

For removable partial denture cases:

a. Impression trays and baseplates for jaw relations need to be shown to your clinical faculty for approval prior to patient appointment.
b. Make TWO master impressions: one PVS and one alginate. Some situations may not allow a PVS impression, the alginate is always mandated.
c. PVS impressions may be sent to outside labs for pouring in Type IV stone. Alginate impressions should be poured by you in a vacuum mixed stone. Type IV Resin Rock or Prima Rock.
d. Your best cast will become your master cast. It must be tripoded without a design drawn on it. This will be the cast the laboratory fabricates your framework on.
e. The second cast should be tripoded, and it should have the complete survey including heights of contour and all survey lines marked.
f. If the RPD articulates with natural teeth or tube teeth, your master cast should be sent to the lab mounted against a cast of the opposing arch.
g. If tube teeth are to be used, the shade and mold of teeth must be selected so the teeth can be sent to the lab to be used during framework fabrication.

For complete denture cases:

a. Final impression trays must be approved by your Clinical Instructor prior to patient appointment.
b. All final CU/CL impressions are to be shown to Mr. Aunan prior to sending to the lab for pouring and baseplate fabrication.
c. If you choose to bead, box and pour your own casts for complete dentures, use Type III Yellow Stone.
d. If you choose to make your own acrylic bases, use PMMA or Triad. Be sure to adequately block out undercut areas and apply two coats of separating medium.

3. Obtaining prosthetic teeth

Teeth are issued by the lab secretary (Ms. Wageman) in S-107 between the hours of 8:00am and 5 pm. The teeth selected should be sent with your case to the lab. Use your work authorization for this. In most situations the teeth will be placed with the case before shipping, you do not need to requisition them ahead.

4. Sending lab work to a commercial lab

All lab work should be placed on the counter top in S-107 for pick up. Delivered cases are placed on the shelving in the Senior Lab (S393). DAU has a special shelf for delivered cases in Faculty Support Laboratory (S390).

Cases requiring UPS shipping are sent out no later than 3:00pm.

Check lab office for time requirements of specific laboratories.

5. Repairs or other priority requests

If you need a repair, or any other lab work completed in less time than usually is allowed, for whatever reason, speak with Mr. Aunan first. The typical reline protocol is having a reline impression ready before 11 a.m., lab will have it back to school by 3:30-4 the next work day. Afternoon impressions will require 2 days lab time.
PLEASE NOTE:

The cutoff date for taking new impressions for both fixed and removable cases will be **February 15th, 2017 for Group 4, and May 1st, 2017 for Groups 1, 2, & 3.** Exceptions for cases involving MEE’s must be resolved with your group leader.

This is 18 Clinic Days from your last day here!