ORTHO 631: Minor Orthodontic Treatment Elective
Fall, Winter, Spring, & Summer quarters, Time TBA
Course Director: Dr. Geoff Greenlee
1 Credit Location: B-338 Grad Orthodontics Clinic

Course Description:
Orthodontics 631 is an elective in clinical orthodontic treatment, including those minor problems suitable for treatment in the general practice of dentistry. Ortho 631 is the direct clinical application of principles of orthodontic diagnosis and treatment planning with simple orthodontic appliances. Most treatment goals aim to modify tooth position in preparation for definitive restoration and/or periodontal therapy. Students can identify and refer a limited tooth movement case after successfully completing ORTHO 522. Observation of a patient preferably starts after completion of Ortho 630 in Autumn or Winter quarter of the 3rd year. The student enrolls for ORTHO 631 in the first quarter the observation is started and will receive an incomplete until the observation materials are turned in.

Educational Goals/Objectives:
Ortho 631 builds on the didactic principles learned in previous courses in orthodontics. The student will recognize and treat a limited tooth movement case suitable for the general practitioner. Orthodontic records of the pre- and post-treatment condition are required. The dental student diagnoses and treatment plans the case in conjunction with faculty and sees the patient regularly with faculty and/or graduate residents in the Department of Orthodontics.

Course Expectations:
To successfully complete this course, the student must identify, diagnose, treatment plan, and administer limited orthodontic treatment on a patient. The course is graded pass, high pass, honors, or no credit based on clinical performance and quality of written materials.

Competencies Addressed:

UWSOD Competency 1: Examine a patient using contemporary diagnostic methods to evaluate the head and neck region and to reach a diagnosis of the patient’s oral and craniofacial health status.

UWSOD Competency 3: Formulate a comprehensive treatment plan based on diagnostic findings, then implement treatment in a safe, properly sequenced and timely manner.

UWSOD Competency 13: Assess the dentition to determine the need for orthodontic treatment.

UWSOD Competency 14: Manage periodontal diseases.

UWSOD Competency 22: Utilize critical thinking in assessing technical and scientific information for use in identifying patient needs and treatments.

Website: https://catalyst.uw.edu/workspace/geoffg/19315/
Media:

- Patient records
- Clinical patient care
- Report/Clinical presentation

Session Information:

Students may participate during any quarter of third or fourth year. Clinic sessions are held in the graduate orthodontics clinic.

Course Director: Dr. Geoff Greenlee

Faculty: Dr. Greenlee, Dept. of Orthodontics graduate students, and attending clinical faculty as arranged.

Method of Evaluation:

Case presentation and treatment planning is evaluated before patient treatment begins. Daily clinical preparation and performance is assessed after patient care commences. Post-treatment review of initial and final records and written materials with faculty is required for credit.

Examination/Grading Policies:

Students receive a Pass/High Pass/Honors/No Credit grade depending on performance.

Course Contact Information:

Department of Orthodontics, Box 357446, 543-5788.
ORTHODONTICS 631—Orthodontic Clinic Elective

ORTHO 631

As part of your complete clinical education, you may start and finish a clinical experience in orthodontics. The elective clinical course for orthodontics is Ortho 631.

Ortho 631 may be started during your third or fourth year. You will register for Ortho 631 during the quarter that you start your clinic experience (do this by emailing Dr. Greenlee and the SOD registrar). You will receive an “Incomplete” on your transcript until you have satisfactorily completed Ortho 631. The evaluation for Ortho 631 is Satisfactory/Non-satisfactory/High Pass/Honors. Honors will be awarded only for superlative work.

DENTAL STUDENT INSTRUCTIONS

1. Search your patient pool for appropriate limited orthodontic patients. Consider what patients might benefit from some orthodontics before their restorative phase. Suitable cases might be:
   - alignment of teeth for improved restorations and esthetics
   - anterior space elimination/reduction/re-arrangement for esthetics
   - missing teeth that require pre-prosthetic ortho treatment of abutments
   - single teeth that require extrusion for crown lengthening
   - single teeth requiring orthodontic extraction for ridge preservation as implant sites
   - space re-gaining in the mixed dentition
   - posterior cross-bites in the mixed dentition
   - single tooth anterior crossbites
   - minor treatment suitable for treatment with the Invisalign® system

All prospective limited orthodontic patients must be periodontally stable and have a caries control. Orthodontic treatment should be considered in the comprehensive treatment planning of all complex patients.

The goal for limited orthodontic treatment is to do therapy restricted to one- or two goals, usually taking ~6-12 months. If you have questions about the appropriateness of a potential patient, you may seek preliminary opinions with models, radiographs, and/or photos from Dr. Greenlee or another orthodontic faculty member. An understanding of the restorative treatment plan is also important information to communicate to the orthodontist.

Send a referral thru Axium to the graduate ortho clinic and outline what you think needs to be done. Note that you are referring for LIMITED orthodontic treatment, even if comprehensive treatment is a consideration. Provide a summary of the restorative plan (if any) as it relates to the orthodontic treatment plan and desired outcome after orthodontic therapy. Attend the screening exam with your patient. If your patient is accepted into clinic, contact Dr. Greenlee (geoffg@uw.edu) to be registered for the course and start your participation in the patient’s care.

2. All limited ortho patients need to have the following records:
   - Orthodontic models (impressions made, CO wax bite taken, models poured, and acceptably trimmed in centric occlusion (according to orthodontic standards).
   - Radiographs: panoramic and possibly a cephalometric film. Most dental school patients will have pre-existing radiographs; for those patients without radiographs, the supervising faculty will decide on necessary films. Required radiographs must be taken in Dental Radiography and paid for by the patient (in addition to the fee for orthodontic limited treatment).

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- Photographs: intra- and extra-oral. Photographic equipment is available in clinic. Please provide Dr. Greenlee with a hard copy of the formatted photos (complete with patient info) for clinic records.

3. Review checklist (below). Go over the records and discuss the treatment plan with the supervising faculty member (usually Dr. Greenlee) (bring the checklist) and then with your patient. You will be assigned to a team of orthodontic residents. Get an informed consent document from Dr. Greenlee, review and sign it with your patient.

4. Financial Agreement and a Down-payment must be made before the start of any treatment! Limited ortho fees are $800-3,125, depending on complexity. This is a significant value over private practice fees. The fee does not cover replacement retainers or other adjunctive services like extractions. The biller in the ortho clinic (B338) will help you with arranging payment. The contract must be signed and the down payment made before treatment is initiated.

5. Schedule the necessary appointments with your patient in the graduate orthodontics clinic. You assigned to an attending faculty and a team of orthodontic residents to oversee the treatment of your case. **You must schedule during their clinic time.**
   - Appointments will be made with Ms. Cynthia MacDonald, the program coordinator in the graduate orthodontic clinic. Cindy may be reached in person (B-338), by email (macdoc@u.washington.edu), or by phone (543-5787). Make sure that your patients understand that they must be available on a monthly/regular basis.
   - Make sure each time you see your patient you make a meaningful entry in the patient's Axium chart and get it approved by your attending faculty person. Chart notes should be organized into “PARTS” or “Observed,” “Treatment,” and “Next Visit” format.
   - Have fun doing some orthodontics and see those teeth move!

6. Emergencies: Give patients your voice mail number in case of emergencies. If the patient has significant pain and must be seen, schedule an appointment in the graduate orthodontic clinic. Faculty supervision is available 9:30-12:00 Monday-Friday, and Wednesday 2:00-5:00. Understand that true orthodontic emergencies are rare; usually most problems can be handled over the phone.

7. After treatment is finished, a new series of final study models, CO wax bite, and new final intra- and extra-oral photographs must be obtained. The final records need to be returned to Dr. Greenlee, who will keep them together with the treatment entries. **You will not receive credit for the course until you have turned in acceptable final records.** A competency evaluation will be given at that time.

8. The retention of the treatment is also your responsibility; you should see the patient back for retainer checks every 3-6 months until you graduate.

9. You will receive a Pass/High Pass/Honors/No Credit grade based on your clinical performance. Honors are available for superlative work if a summary of treatment is written. The write up and initial and final photographs are used to prepare a presentation booklet in the style of the American Board of Orthodontics. Talk to Dr. Greenlee to see examples of this.

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LIMITED ORTHO CLINICAL TREATMENT CHECKLIST

☐ Patient/case identified

☐ Case screened and approved (fits description or approved by Dr. G)

Initial Records
☐ Models trimmed with CO wax bite
☐ Intra- & extra-oral photos taken and printed
☐ Recent panoramic radiograph (or full-mouth series)

☐ Diagnosis & Treatment planning session with Dr. G, forms filled out

☐ Register for Ortho 631

☐ Patient treated

Final Records
☐ Final models trimmed with new CO wax bite
☐ Final intra- & extra-oral photos taken and printed