



GIL - Intro to BDS2



Fiona, Jerica, Monte, Uday

Who are we?

Fiona	Jerica	Monte	Uday
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What to expect?

- Timetable
 - Lectures ~ up to 8 per week
 - Sim Clinic - 3 sessions per week
 - Clinic - 1 session per week
- Lecture content
 - Foundation knowledge from BDS1
 - Stronger relationship between lecture material and clinic sessions
- Expectation
 - Coordinators
 - Tutors
- Assessment
 - Self-reflection
 - Collaboration

BDS 1 Assumed Knowledge

Clinic

- Full oral exam
- Infection control
- Saliva → saliva testing
- Fluoride → tx planning

Sim Clinic

- Rubber dam
- Tooth morphology
- Fissure sealants → sealant restorations
- Rationale for steps → clinical scenarios

Biodental Sciences

- Kaidonis/Poppy Oral Environment lectures → restorative dentistry
- RAAS → endocrinology
- Metabolism → diabetes
- EBD
- PCC → stress management
- Genetics → embryology, oral pathology
- Immunology → allergies, wound healing

Sim Clinic

- Integral part of BDS2
- Semester 1 formative
- Semester 2 summative
- Minimal Intervention knowledge
- Quizzes on MyUni
- Be well prepared for each session!

Sim Clinic

- Time management is key!
- Indirect vision, operator positioning, finger rest
- Ergonomics
- Have a plan for your restoration + rationale behind your plan
- Know your materials & tools!!!
- Be able to critique your restoration
- Don't be disheartened!
- Enjoy your time in Sim!

Clinic

- Very similar to last few weeks of BDS1
- First few weeks → focusing on scaling/hygiene – remember these because we have very limited hygiene sessions
- After this: consolidating your knowledge to help perfect conduct comprehensive full oral exams
- Semester 2: Family and Friend patients (please organize these weeks in advance!)
- Tip: you will only be cheating yourself if you find patients with relatively good oral health
- Night clinic; eat beforehand → can leave quite late (some people leave at 9:30pm) depending on your tutor
- Be prepared to embrace the information each tutor provides → don't compare

Clinic

- Have a summary running sheet for each clinic session (feel free to message any of us for an example)
- Practice verbalising a script for a full oral exam (you can do mock ups with your friends) → helps you become comfortable in obtaining 3C's, consent etc.
- End of Sem 2 aim: full exam, diagnosis, tx plan, radiographs and hygiene on family and friends patients (across multiple sessions)
- Semester 2 LA extra night sessions (get excited!)
- Start to familiarise yourself with Titanium

Clinic - sample running sheet

1. Meet, greet and seat: #Patient ID Check; confirm 3C's and ask chief concern

"just as a part of our policy, can I please confirm your full name, DOB and address

2. **TUTOR CHECK

3. Mhx

- Check unsure medications with MIMS => ask appropriate follow up questions
- Do not click OK on Mhx tab on titanium until tutor check

4. Obtain informed consent for examination procedures

"Before we begin, I want to clarify that what we will be doing today is limited to the scope of BDS2 so we won't be doing any complicated procedures. I've got you book in for a full oral examination. Before we begin, I will require you to use an antibacterial mouthwash to reduce the germs in your mouth as a part of COVID. Essentially we will begin by assessing your face for any abnormalities. Then I will be assessing how you bite your teeth together to provide me an indication of any occlusion issues you may have. Then we will assess all the soft tissues including the gums inside your mouth and the health of the teeth. Today, I will be using a variety of dental instruments and some cold air and water. I will be using a specialized dental ruler called a probe to measure the space between your gums and teeth to provide an indication of any gum disease. If you feel uncomfortable at any point, raise your left hand to let me know.

5. **TUTOR CHECK

8. Commence O11 Student record: EO exam and TMJ/occlusal analysis; Intraoral soft tissue

- BE SYSTEMATIC
- Semi supine position for patient, ask pt to support their weight without leaning back on chair

FACIAL ANALYSIS and TMJ analysis

I. FACE AS WHOLE

a. Shape of face

- i. Brachycephalic – broad, short face
- ii. Dolichocephalic – long, narrow face
- iii. Mesocephalic – between the extremes

b. Face profile

- i. Convex, concave or straight

c. Facial symmetry

d. Facial features

- i. Measure moles and scars using a probe)

e. Eyes (colour, lens, response to light)

f. Ears

- i. distortions, abnormal lumps, palpate the mastoid process for pain => circular compressions
- ii. Identify any abnormal bulges or lesions

II. LIPS

- a. Colour, dryness and competency

III. LYMPH NODES

a. Submental (under chin)

b. Submandibular (bilaterally under side of jaw)

c. Occipital (Close to under ear) – stand behind pt and get pt to tilt forwards

- i. Palpate back of head using circular motion beginning at midline or neck and work outwards

d. Postauricular (behind the top and bottom of ear)

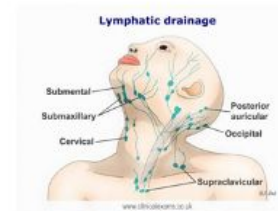
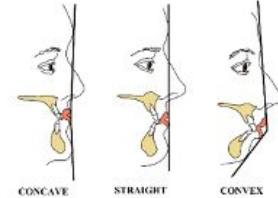
e. Preauricular lymph nodes

f. Supraclavicular

- i. Pt head tilted forward → Apply circular compression above clavicle on both sides

g. Cervical lymph nodes of neck

- i. Pt head tilted back → visual exam
- ii. Pt head tilted forward → palpate anterior chain of lymph nodes and nodes of posterior triangle



Clinic - sample running sheet

Example diagnosis:

- Generalized plaque induced gingivitis
- Incipient demineralized lesion on 36 buccal adjacent to gingival margins
- Moderate to high Caries risk

Example tx plan

- Patient education (always), educate on diagnosis and clinical findings
- OHI → separate to pnt education, specific to OH)
- Fluoride (specify product, why and where)
- Dietary advice
- Biofilm mechanical debridement → scale and clean

Semester 1

- Biology of occlusion
- Dental anxiety and fear
- Social context of dentistry
- Endocrine (diabetes)
- Immunology
- Embryology
- Tooth Development and developmental anomalies
- Genetics
- Gingivitis

Semester 2 Topics

- Anatomy → has a summative NGP spotter test
- Microbiology
- Immunology
- General pathology
- LA
- Virology
- PCC
- VPP - Pretend/ Actor patients that go through different real patient scenarios ie upset, angry, anxious.



ILA

Same scenario as first year ie ILA steps 1-4 then ILA intro, then ILA summary

All topics covered are essential for success in later clinic sessions for example ILA's on embryology, anatomy, syncope (fainting patient).

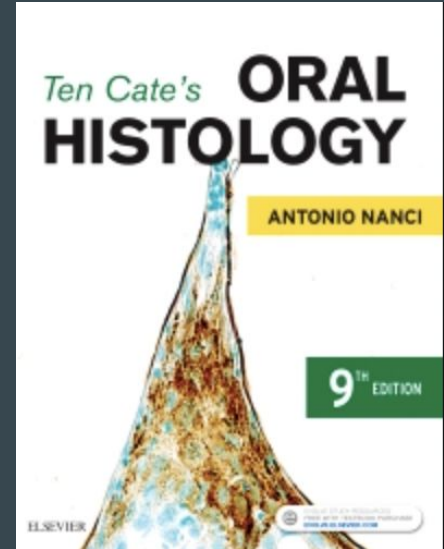
Integral to the exam questions that will be asked:

Try and answer the research questions yourself before exams

Resources

Anatomy : Learning anatomy applied to dentistry (supplied by the dental school)
Kenhub, Color Atlas of Anatomy and Netter Anatomy.

Embryology: Ten Cate oral histology, Dr Minass youtube videos



Our Tips and Tricks

Balance your time between theory and Sim Clin/ Clin preparation.

Don't hesitate to email, or ask your tutors for further explanations

Try and stay up to date with the lectures as there is an increase in volume from 1st year.

Questions ?