



## Master of Dental Surgery Clinical Requirements

This document presents the clinical requirements expected from the MDS clinical students. The four departments have outlined these minimum requirements, and where applicable, have also set out recommendations for the first (3<sup>rd</sup>) and second (4<sup>th</sup>) years.

It should be noted that if one does not reach the recommended cases for the particular year, the procedures can be completed in the following year/s. However, it is suggested that students do follow closely these recommendations since they will help towards achieving the final requirements.

On the other hand, the **final requirements** (listed under 5<sup>th</sup> year) are **cumulative for all the clinical years** and **obligatory** and these will be evaluated prior to students sitting for their final exit examinations. Students will be required to submit these requirements at least 3 weeks prior to the final examinations. These requirements will be vetted and students will be informed accordingly.

Students who fail to achieve the listed requirements will be withdrawn from the examinations as per MDS course regulations 10.2 & 3.

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### Department of ORAL MEDICINE, SURGERY AND PATHOLOGY

By the end of 5th year, the **REQUIREMENTS** include:

- 10 complete medical histories, extraoral and intraoral examination and diagnostic tests (when necessary) of oral medicine patients;
  - 60 extractions;
  - 2 visits to pathology (1 to cutting and 1 to interdisciplinary meeting) TBA depending on COVID19 restrictions;
  - 2 general anaesthesia sessions.
  - Assisting two oral surgery procedures.
  - 1 case report.
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## Department of Child Dental Health and Orthodontics

### Child Dental Health:

By **the end of** 3rd year, it is **recommended** to have completed:

- 4 Fissure sealants
- 1 Preventive resin restoration
- 1 composite resin/compomer restoration on a primary molar
- 1 Pulpotomy in a primary molar carried out clinically on a child patient.

By **the end of** 4th year, it is **recommended** to have completed:

- 8 Fissure Sealants
- 4 Preventive Resin Restorations
- 2 Pulpotomies
- 2 Pulpectomies
- 4 Composite/Compomer Restorations - Primary Molars
- 2 Incisor Composite Build-Up Restorations

By **the end of** 5th year, it is **recommended** to have completed:

- 16 Fissure Sealants
- 7 Preventive Resin Restorations
- 5 Pulpotomies
- 4 Pulpectomies
- 2 stainless steel crowns
- 10 Composite/Compomer Restorations - Primary Molars
- 2 Incisor Composite Build-Up Restorations

By **the end of** 5th year, the **REQUIREMENTS** include:

### Orthodontics

Students will be expected to keep a logbook with a minimum of 15 first-time orthodontic patient assessments as a compulsory part of these study units over the three clinical years of study. Students are also expected to assess and treat a minimum of 5 removable appliance cases with a case-load comprising expansion cases, functional appliances, correction of crossbite (anterior and posterior) cases and extraction/retraction cases.

Orthodontic Case report:

Each student is to submit a Case Report that reflects the work done during orthodontic clinical sessions. The Orthodontic cases should reflect knowledge and management in depth. The Case Report should describe one of the following:

1. Functional appliance
2. Removable appliance with a considerable amount of corrections. (Dental correction in sagittal and transverse direction).
3. Habit breaker and follow up for at least 1 year.
4. Headgear as an orthopaedic appliance

### Child Dental Health

By the end of 5th Year the **Requirements are** comprehensive care for four (4) child patients (0 – 16 years). This shall include all the restorative, preventive, periodontal and orthodontic care the patient may require. Students are to submit the History document filled in at the commencement of treatment (Form A) and the follow-up History document filled in at the end of Treatment (Form B) prior to sitting for the final exit exam. Students are to demonstrate the completion of treatment and an improvement in the oral health status of the child patient while under their care.

**Child Dental Health Case Report:**

Any of the above four cases may be presented as a Case Report. Details of the presentation of the Case Report are provided on VLE.

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## Department of Oral Rehabilitation and Community Care

### Prosthodontics

By the end of 3rd year, it is **recommended** to have completed:

- I. 2 Complete dentures cases

By the end of 4th year, it is **recommended** to have completed:

- I. 2 complete dentures case,
- II. 2 partial acrylic dentures case,
- III. 1 cast partial denture or 1 immediate denture or 1 overdenture.

By the end of 5th year, the **REQUIREMENTS** include:

- I. 6 cases of complete dentures
  - II. 2 cast partial denture cases
  - III. 4 acrylic partial denture cases
  - IV. 1 immediate denture case.
  - V. 1 overdentures case.
  - VI. 5 Crown and Bridge cases. This should include at least 5 prepared abutment units. (Pontic units are not considered as part of the requirements)
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### Preventive Dentistry

By the end of 3rd year, it is **recommended** to have completed:

- I. **Diet Chart** assessments x 4 cases
- II. **Fluoride** application x 6 cases
- III. **Outreach/MDU** visits x 5 sessions

By the end of 4th year, it is **recommended** to have completed:

- I. **Diet Chart** assessments x 6 cases
- II. **Fluoride** application x 8 cases
- III. **Outreach/MDU** visits x 5 sessions

By the end of 5th year, the **REQUIREMENTS** include:

- I. **Diet Chart** assessments x 15 cases
- II. **Fluoride** application x 20 cases
- III. **Outreach/MDU** visits x 12sessions

**NB: Fissure sealants requirements are outlined under Child Dental Health section**

## Department of Oral Rehabilitation and Community Care

### Periodontics

By **the end of 3rd year**, it is **recommended** to have completed:

- I. 6 x 6 Point pocket charts
- II. Given Oral hygiene advice to 12 patients
- III. Supra gingival debridement +/- polish on 12 patients
- IV. Started treatment of advanced disease on at least 1 patient

By **the end of 4th year**, it is **recommended** to have completed:

- I. Completed full initial treatment (OHI, full mouth RSD in  $\geq 4$  visits & reassessment) on **4** patients with moderate/severe disease \*
- II. **6** partially treated cases (less Tx required, Tx in progress/ not completed)

By **the end of 5th year**, the **REQUIREMENTS** include:

- I. Completed full initial treatment (OHI, full mouth RSD in  $\geq 4$  visits & reassessment) on **2** additional patients with moderate/severe disease \*
- II. **4** additional partially treated cases (less tx required, tx in progress/ not completed)

\* can also be  $\geq 6$  visits of supportive periodontal therapy (maintenance) for a patient, with one visit being a reassessment.

**N.B. By the end of 5th year:**

- I. **MINIMUM REQUIREMENTS** of 5 full cases and 8 partial cases
  - II. Ideally the student completes the recommended number of cases of 6 full cases and 10 partial cases.
  - III. 6 x 6 Point pocket charts
  - IV. Oral Hygiene advice to 20 patients
  - V. Supragingival debridement +/- polish on 20 patients
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### ORCC/ Restorative Case Report:

- Restorative/Oral Rehabilitation combined Case Report

## Department of Restorative Dentistry

By the **end of 5th** year students are required to have completed:

- 130 direct restorations (inclusive of anterior and posterior restorations)
- 10 completed root canals treatments, with at least 3 on molar teeth.
- Restorative/Oral Rehabilitation combined Case Report