

SPECIALIST ACCREDITATION IN PAEDIATRIC DENTISTRY

Aims of the accreditation process

The purpose of this accreditation process is to recommend suitable candidates to enter the dental specialist register maintained by the Singapore Dental Council.

Suitable candidates would need to demonstrate clinical expertise and quality of care consistent with that expected of a Paediatric Dentist practising in Singapore.

Pre-requisites

The candidate applying for accreditation in the specialty of *Paediatric Dentistry* shall fulfil the following criteria:

- Successfully completed a formal basic specialist training (BST) programme of at least 36 months and attained a basic specialist qualification, eg MDS (NUS) or its equivalent that is recognised by the Dental Specialists Accreditation Board.
- Be in *Paediatric Dentistry* practice for a minimum period of five years; this period includes the 36 months BST mentioned above. The candidate must also have at least 2 years of post-BST experience.
- Fulfil the requisite core component in Continuing Professional Education (CPE) for specialists.
- Signed a declaration that all cases used for this accreditation are managed and treated by the candidate.
- Upon successful completion of the above, present for an assessment by the *Paediatric Dentistry* Dental Specialist Accreditation Committee (DSAC). The assessment shall consist of three (3) components:
 - i. Submission of Completed Clinical Cases (Annex A)
 - ii. Case Presentation (Annex B)
 - iii. Exit Interview (Annex C)

Candidates re-supplicating for specialist accreditation in *Paediatric Dentistry* can apply for reassessment at the next diet for Dental Specialist Assessments (ie 6 months later). Should candidates fulfil the completed clinical case submission assessment at a previous sitting, they may choose not to resubmit a new set of cases at subsequent assessments.

Submission of Completed Clinical Cases

The candidate shall submit their “best” 3 Completed Clinical Cases in each category in Annex B (i.e. 18 cases in total). Such cases must demonstrate the experience, expertise and proficiency of the candidate.

The DSAC shall have the discretion to determine if such a case submitted is representative of the case category they are listed in. Should a case be rejected, the DSAC will state in writing the reasons for doing so.

These cases must be carried out by the candidate after the date of conferment of DSAB-recognised basic specialist qualification in *Paediatric Dentistry*.

These cases shall be submitted in the prescribed template in Appendix 1.

The candidate is advised to prepare all the 18 submitted Completed Clinical Cases for possible selection as Case Presentation (Annex B) at the Exit Interview. The candidate is expected to prepare for the Case Presentation following the prescribed format in Appendix 2.

Three (3) hard copies and one (1) soft copy (in spreadsheet format eg. Microsoft Excel) on CD-ROM of the cases shall be submitted to the DSAC at the point of application for the exit assessments.

The Cases submitted shall illustrate the candidate’s clinical experience relevant to the specialty of *Paediatric Dentistry* and represent a true and accurate record of the patients seen and treated by the candidate.

PAEDIATRIC DENTISTRY CLINICAL CASE SUBMISSIONS

CASE CATEGORY 1: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Restorative Therapy for a Child Without Use of Sedation or General Anaesthesia

(Please sort entries within the respective case categories by indicating cases with recalls accordingly, presenting the cases with longest recalls first.)

SN	Name ID No Gender	Date of Birth	Date of first visit	Date of completion	Recall (at least 6 months)	Primary Diagnosis	Detailed treatment performed (Teeth/procedure)
1							

CASE CATEGORY 2: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Restorative Therapy for a Child Using Sedation or General Anaesthesia for Patient Management

(Please sort entries within the respective case categories by indicating cases with recalls accordingly, presenting the cases with longest recalls first.)

SN	Name ID No Gender	Date of Birth	Date of first visit	Date of completion	Recall (at least 6 months)	Primary Diagnosis	Detailed treatment performed (Teeth/procedure)
1							

PAEDIATRIC DENTISTRY CLINICAL CASE SUBMISSIONS

CASE CATEGORY 3: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Dental Trauma

(Please sort entries within the respective case categories by indicating cases with recalls accordingly, presenting the cases with longest recalls first.)

SN	Name ID No Gender	Date of Birth	Date of first visit	Date of completion	Recall (at least 12 months)	Primary Diagnosis	Detailed treatment performed (Teeth/procedure)
1							

CASE CATEGORY 4: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Restorative Therapy for a Child With Special Health Care Needs

(Please sort entries within the respective case categories by indicating cases with recalls accordingly, presenting the cases with longest recalls first.)

SN	Name ID No Gender	Date of Birth	Date of first visit	Date of completion	Recall (at least 6 months)	Primary Diagnosis	Detailed treatment performed (Teeth/procedure)
1							

PAEDIATRIC DENTISTRY CLINICAL CASE SUBMISSIONS

CASE CATEGORY 5: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Orthodontic Therapy

(Please sort entries within the respective case categories by indicating cases with recalls accordingly, presenting the cases with longest recalls first.)

SN	Name ID No Gender	Date of Birth	Date of first visit	Date of completion	Recall (at least 6 months)	Primary Diagnosis	Detailed treatment performed (Teeth/procedure)
1							

CASE CATEGORY 6: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Multi-Disciplinary Care

(Please sort entries within the respective case categories by indicating cases with recalls accordingly, presenting the cases with longest recalls first.)

SN	Name ID No Gender	Date of Birth	Date of first visit	Date of completion	Recall (at least 6 months)	Primary Diagnosis	Detailed treatment performed (Teeth/procedure)
1							

Case Presentation

The candidate shall present documentation for *at least 6 completed cases* chosen by the DSAC from the clinical cases submitted earlier (Annex A) at the Exit Interview. A minimum of 1 case from each case category will be chosen.

The documentation for these cases should be prepared to illustrate a wide spectrum of paediatric dental care. The cases will be discussed in depth with a 5-minute PowerPoint presentation for each case prepared by the candidate.

Case Categories**Case Category 1: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Restorative Therapy for a Child Without Use of Sedation or General Anaesthesia**

The candidate should indicate comprehensive restorative care in the primary or mixed dentition without use of conscious sedation or general anaesthesia to manage the patient's behaviour. Appropriate pre- and post-operative photographs, radiographs and models should be included. Treatment plan must include at least one primary molar requiring a pulpotomy / pulpectomy and a stainless steel crown. A minimum follow-up period of six months is required for all submitted cases.

Case Category 2: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Restorative Therapy Using Sedation or General Anaesthesia for Patient Management

The candidate should indicate comprehensive care of a child in the primary and/or mixed dentition stage of development with the use of sedation or general anaesthesia to manage the patient's behaviour. Appropriate pre- and post-operative photographs, radiographs and models should be included. Treatment techniques used should be described in detail with at least one primary molar requiring a pulpotomy or pulpectomy and stainless steel crown. A minimum follow-up period of six months is required for all submitted cases.

Case Category 3: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Dental Trauma

The candidate should illustrate comprehensive care of a patient, either child or adolescent who has suffered dento-alveolar trauma. This should include the management of coronal fractures, luxation injuries or root fractures of permanent anterior teeth and coronal fractures or luxation injuries of primary anterior teeth requiring pulp therapy. The sequence of records illustrated by photographs, radiographs and models as appropriate should indicate management and treatment success over a minimum follow-up period of 12 months.

Case Category 4: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Restorative Therapy for a Child with Special Health Care Needs

The candidate should indicate comprehensive care of a child with a disability of medical, intellectual, physical or multiple nature who is manifestly handicapped in relation to the delivery of dental care. Evidence of the disability must be provided (e.g. medical records or enrolment in special school). Management may involve pharmacologic and non-pharmacologic modalities. A minimum follow-up period of six months is required for all submitted cases.

Case Category 5: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Orthodontic Treatment

The candidate should illustrate proficiency in interceptive orthodontics. This should include management of any of the following: correction of an anterior crossbite, posterior crossbite, ectopic eruption, space regaining and space maintenance in the primary or early mixed dentition with appliance therapy. Interceptive treatment must restore occlusion development to a normal pattern for the primary or mixed dentition. A minimum follow-up period of six months is required for all submitted cases.

Case Category 6: Evaluation of Comprehensive Care of a Paediatric Patient with Emphasis on Multi-Disciplinary Care

The candidate should indicate comprehensive care of a patient, either child or adolescent who had management of a complex problem within Paediatric Dentistry in conjunction with another discipline such as Periodontics, Prosthodontics, Oral Medicine or Oral Surgery. A minimum follow-up period of six months is required for all submitted cases.

Case Presentation Format

Each documented case must include:

- A typed case review summary in the prescribed format in Appendix 2.
- A photocopy of the original patient record
- Relevant radiographic / photographic documentation
- Relevant study model documentation (for Orthodontic / Prosthodontic cases)

The case documentation requirements are designed to allow assessment of the case criteria and comprehensive care aspects of diagnosis and treatment related to:

- a. A complete medical, dental, and social history with implications to dental treatment
- b. Complete examination findings to include facial patterns, relevant extra-oral examination, intra-oral assessment of hard and soft tissues, functional occlusions, habits, oral hygiene patterns, behaviour, and consultations
- c. Radiographs as appropriate for comprehensive care to include periodic bitewings or necessary periapicals. Full mouth assessment with panoramic radiograph if necessary in mixed dentition patients.
- d. Complete treatment plan, appropriate informed consent, progress notes and complete records demonstrating comprehensive care.
- e. Documentation of future treatment needs if not addressed currently.
- f. Comprehensive care fully provided by the candidate including prevention, growth and development assessment, restorative and other current identified needs.

To ensure patient anonymity, all identifying marks must be eliminated from all case materials. The patients should be identified only with initials, the date of birth and gender.

Three (3) hard copies and one (1) soft copy of case presentations shall be submitted to the DSAC. The candidate shall be informed of the date and time of the submission once the logbook review is completed.

The hard copies shall be in either high quality duplicated radiographs or digital printouts of radiographs and any other supporting clinical pictures. Please do not send in the originals.

The soft copy shall contain digitised images or digital radiographs and clinical pictures in high resolution JPEGs.

Study models where required for the above cases should be in the pre-treatment and post-treatment stages. The models are to be submitted to the Examination Secretariat 48 hours before the actual assessment takes place.

CASE PRESENTATION

Title page – Case Category

Case Review Summary

- Medical and dental history

- Clinical assessment findings

- Radiographic assessment findings

- Case diagnosis summary including baseline behaviour rating and treatment rationale

- Treatment objectives and treatment plan

- Treatment rendered including behaviour techniques used

- Preventive programme and recalls

- Future treatment needs

Photocopy of original patient record

Radiographic and /or photographic presentation

Exit Interview

The candidate shall present for a *90 minute* interview on their selected clinical cases at the prescribed biannual diets of the Exit Assessments or at a date and time determined by the DSAC.

The exit interview is a clinical-based oral assessment. This will involve discussion of at least 6 selected cases of the 18 Completed Clinical Cases which the candidate submitted for review earlier in this process. During the discussion, the candidate will be asked about the subject of human diseases or conditions relevant to their cases and Paediatric Dentistry. Questions on diagnosis and formulation of treatment plan for the management of these diseases and other relevant aspects of Paediatric Dentistry will be posed. It will also include discussion of the relevant literature.

The exit interview is to enable the Committee to gain a more thorough understanding of the candidate's level of proficiency in the specialty. Candidates must also show their ability to self-critique their cases.