

SPECIALIST ACCREDITATION IN PROSTHODONTICS

The candidate applying for accreditation in the specialty of Prosthodontics shall fulfil the following criteria:

- Successfully completed a formal Basic Specialist Training (BST) programme of at least 36 months¹ and attained a basic specialist qualification, e.g., MDS (Prosthodontics) (NUS) or its equivalent, that is recognised by the Dental Specialists Accreditation Board.
- Be in prosthodontic practice for a minimum period of five (5) years; this period includes the duration of Basic Specialist Training (BST) mentioned above.
- An applicant would be required to have a valid practising certificate with the Singapore Dental Council.
- Completion of a log of cases as specified in Annex B.
- 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 Prosthodontic Dental Specialist Accreditation Committee (DSAC). The assessment shall consist of three (3) components:
 - i. Case presentation (Annex A)
 - ii. Examination of log book (Annex B)
 - iii. Exit interview (Annex C)

Re-supplication

Re-supplication of Part 1: Assessment of Log Book and Case Presentations

Candidates who fail the assessment of log book and/or case presentations will not proceed to **Part 2: Exit Interview**.

For re-supplication, the candidates will have to make good any shortcomings identified by DSAC (Prosthodontics) and re-submit the log book and /or case presentations with the necessary amendments.

Re-supplication of Part 2: Exit Interview

Candidates who passed **Part 1: Assessment of log book and case presentations** but unsuccessful at **Part 2: Exit Interview** will need to retake the full exit interview.

Candidates re-supplicating for specialist accreditation in Prosthodontics **Part 2: Exit Interview** cannot reuse the cases that have been presented or discussed in the previous diet(s). Candidates will need to submit 2 fresh case presentations. The 2 case presentations can be new cases or cases from the log book.

DSAC (Prosthodontics) will select 2 cases from the log book to audit and 2 cases for the candidate to present and discuss at the exit interview. Candidate has to resubmit an updated logbook with new completed cases for consideration. New cases need to be highlighted during submission of the updated log book.

¹ Candidates whose formal Basic Specialist Training program is less than 36 months may be assessed on a case-by-case basis on the discretion of the DSAC

Case Presentation

The candidate shall present documentation for three (3) completed cases, of which two (2) will be selected for presentation. Cases must be started after the date of conferment of a DSAB recognised basic specialist qualification in Prosthodontics.

The spectrum of completed cases shall include each of the following:

- I. Combined fixed and removable partial prosthodontics
 - Consists of a removable partial denture prosthesis for either arch and the fabrication of at least **four (4)** crowns that restore natural teeth.
 - The patient treatment for Case type I cannot include a complete denture or complete overdenture as part of the treatment.

- II. Fixed prosthodontics

Consists of a fixed reconstruction that includes at least fourteen (14) fixed units that restore the articulating surfaces of the teeth. At least **four (4)** of those units must be natural teeth. A maximum of six (6) anterior porcelain veneers that partially or fully restore all articulating surfaces can be considered as fixed restorations.

- III. Removable prosthodontics

Requires that at least one arch has either complete denture, complete overdenture or complete denture obturator prosthesis opposing any method of restoring the opposing arch.

The removable prostheses options include any of the following:

- a) Complete denture opposing a complete denture
- b) Complete denture or overdenture opposing an overdenture. Overdentures may be supported and/or retained by natural teeth or implant abutments
- c) Complete denture, overdenture, or complete obturator prosthesis opposing natural teeth or any method of restoring the opposing arch.

- IV. Implant Prosthodontics

The minimum number of units of implants required for each category is indicated in the brackets.

Type of Support

Implant Support	(24)
Tissue Support	(6)

Cases must include implant(s) placed in grafted (soft and/or hard tissues) zone and aesthetics zone.

All possible modifiers for examples Splinted/ Un-splinted, Resilient / Non-resilient attachment, Types of Abutments, Dental Material are considered as design of Prosthesis. Bar supported overdenture will be considered as implant supported.

Radiographs and digital colour photographs submitted must be in accordance to the following guidelines:

	Implant Prosthodontics with Implant Supported Prosthesis	Implant Prosthodontics with Tissue Supported Prosthesis
Pre-treatment	<p>Teeth in maximum intercuspation (frontal and lateral views)</p> <p>Lateral views in laterotrusion and mediotrusion</p> <p>Teeth in protrusion (frontal and lateral views)</p> <p>Occlusal views of maxillary and mandibular edentulous or partially edentulous ridges</p> <p>Anterior view of maxillary and mandibular ridges at approximate occlusal vertical Dimension</p> <p>If patient has removable prostheses prior to treatment, photographs should be made with and without the removable prostheses in place</p> <p>Diagnostic Wax-up - frontal view - lateral views - occlusal views</p> <p>Complete mouth periapical and bitewing radiographs, Dental Panoramic Tomogram (DPT)</p> <p>CBCT with Radiographic Stent</p>	Same as Removable Prosthodontics
Treatment	<p>Radiographic and /or Surgical Guide</p> <p>Abutment(s) selection (occlusal, frontal and lateral views)</p> <p>Provisional restorations (frontal and lateral views)</p> <p>Final impressions</p> <p>The technique and materials used to record maxillomandibular relationships (frontal and lateral views)</p>	Same as Removable Prosthodontics
Post-treatment	Same as Pre-treatment	Same as Removable Prosthodontics
Six-months review	<p>Digital colour photographs of the same size as the pre-treatment photographs and showing the same views. Slides should be made with and without removable prostheses in place.</p> <p>Dental Panoramic Tomogram (DPT)</p> <p>Periapical radiographs for Dental Implants only</p>	Same as Removable Prosthodontics

Study casts submitted must be in accordance to the following guidelines:

	Implant Prosthodontics with Implant Supported Prosthesis	Implant Prosthodontics with Tissue Supported Prosthesis
Pre-treatment	Pre-treatment mounted casts Articulated casts with diagnostic wax patterns. Radiographic and Surgical Stent	Pre-treatment mounted casts of edentulous or partially edentulous ridges at occlusal vertical dimension
Treatment	Working casts/dies	Working casts treatment
Post-treatment	Post-treatment mounted casts	Post-treatment mounted casts of completed prostheses Duplicate master cast(s)

Case presentations shall be in prescribed format in Appendix 1.

One (1) hard copy and one (1) soft copy of case presentations shall be submitted to the DSAC.

The hard copy 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 of not less than 600kb.

Study models are required for all the above 3 cases in the pre-treatment and post-treatment stages. The models are to be submitted to the DSAB Secretariat 48 hours before the actual assessment takes place.

CASE PRESENTATION**Format for Presentation**

For each case, a verbal and visual presentation shall be given by the candidate. Each presentation is scheduled for 1 hour. A maximum of 20 minutes will be allowed for the candidate to present the patient's treatment and the remaining time is devoted to questioning by a team of examiners.

General Requirements

A copy of the medical history and examination form must be presented for each case.

The aspects of therapy must be described in the following order:

- History and chief complaint
- Clinical findings
- Diagnosis
- Treatment plan
- Treatment
- Instructions to patient and Post-treatment therapy
- Prognosis
- Review and maintenance

Radiographs and digital colour photographs submitted must be in accordance to the following guidelines:

	Combined fixed and removable prosthodontics	Fixed prosthodontics	Removable prosthodontics
Pre-treatment	<ul style="list-style-type: none"> • Teeth in maximum intercuspation (frontal and lateral views) • Lateral views in laterotrusion and mediotrusion • Teeth in protrusion (frontal and lateral views) • Occlusal views of maxillary and mandibular edentulous or partially edentulous ridges • Anterior view of maxillary and mandibular ridges at approximate 	<ul style="list-style-type: none"> • Teeth in maximum intercuspation (frontal and lateral views) • Lateral views in laterotrusion and mediotrusion • Teeth in protrusion (frontal and lateral views) • Occlusal views of maxilla and mandible • Complete mouth periapical and bitewing radiographs • Dental Panoramic 	<ul style="list-style-type: none"> • Occlusal views of maxillary and mandibular edentulous or partially edentulous ridges. • Anterior view of maxillary and mandibular ridges at approximate occlusal vertical dimension • Complete mouth periapical or Dental Panoramic Tomogram (DPT) series

	<p>occlusal vertical dimension</p> <ul style="list-style-type: none"> • If patient has removable prostheses prior to treatment, digital photographs should be made with and without the removable prostheses in place. • Complete mouth periapical and bitewing radiographs • Dental Panoramic Tomogram (DPT) 	Tomogram (DPT)	
Treatment	<ul style="list-style-type: none"> • Tooth preparations (occlusal, frontal and lateral views) • Provisional restorations (frontal and lateral views) <ul style="list-style-type: none"> - Final impressions • The technique and materials used to record maxillomandibular relationships (frontal and lateral views) • Wax trial denture on articulator (5 views) <ul style="list-style-type: none"> - frontal view - lateral views - occlusal views 	<ul style="list-style-type: none"> • Tooth preparations (occlusal, frontal and lateral view) • Provisional restorations (frontal and lateral views) <ul style="list-style-type: none"> - Final impressions 	<ul style="list-style-type: none"> • Impressions (tissue surface) • The technique and materials used to record maxillomandibular relationships (frontal and lateral views) • Wax trial denture on articulator (5 views) <ul style="list-style-type: none"> - frontal view - lateral views - occlusal views
Post-treatment	<ul style="list-style-type: none"> • Same as pre-treatment 	<ul style="list-style-type: none"> • Same as pre-treatment 	<ul style="list-style-type: none"> • Occlusal views of maxillary and mandibular arches without the prosthesis, if implants or natural teeth are present • Tissue surfaces of completed prostheses

			<ul style="list-style-type: none"> • Prostheses in place, teeth in maximum intercuspation (frontal and lateral views) • Lateral views in laterotrusion and mediotrusion • Teeth in protrusion (frontal and lateral views) <ul style="list-style-type: none"> - Full face frontal and full face profile views with both the existing and new prostheses in occlusion. The patient's eyes must be blocked out. - Frontal view of full face smile. The patient's eyes must be blocked out.
<p>Six-months review</p>	<ul style="list-style-type: none"> • Digital colour photographs of the same size as the pre-treatment photographs and showing the same views. Digital photographs should be made with and without removable prostheses in place. 	<ul style="list-style-type: none"> • Teeth in maximum intercuspation (frontal and lateral views) • Lateral views in laterotrusion and mediotrusion • Teeth in protrusion (frontal and lateral views) • Occlusal views of maxilla and mandible 	<ul style="list-style-type: none"> • Occlusal views of maxillary and mandibular arches without the prosthesis, if implants or natural teeth are present • Tissue surfaces of completed prostheses • Prostheses in place, teeth in maximum intercuspation (frontal and lateral views) • Lateral views in laterotrusion and mediotrusion • Teeth in protrusion (frontal and lateral views)

Study casts submitted must be in accordance to the following guidelines:

	Combined fixed and removable prosthodontics	Fixed prosthodontics	Removable prosthodontics
Pre-treatment	<ul style="list-style-type: none"> If the patient has removable prostheses prior to treatment, casts should be presented with and without the prostheses in place. The casts without the prosthesis in place should be mounted. 	<ul style="list-style-type: none"> Pre-treatment mounted casts Articulated casts with diagnostic wax patterns. 	<ul style="list-style-type: none"> Pre-treatment mounted casts of edentulous or partially edentulous ridges at occlusal vertical dimension
Treatment		<ul style="list-style-type: none"> Working casts/dies 	<ul style="list-style-type: none"> Working casts/dies for any fixed restorations used in conjunction with the removable treatment
Post-treatment	<ul style="list-style-type: none"> Mounted casts with the prostheses in place. Duplicate master cast(s) showing the design of the removable partial denture(s). 	<ul style="list-style-type: none"> Post-treatment mounted casts 	<ul style="list-style-type: none"> Post-treatment mounted casts of completed prostheses Duplicate master cast(s)

The Committee must be given a hard copy of the narrative for patient presentation. This hard copy should be direct and unembellished. All casts should contain the candidate's name. Casts should not be treated with any material which will alter their accuracy. Sprays, lacquers, etc. are not appropriate. Candidates failing to adhere to these guidelines may be rejected for admission consideration.

It is the intent of the Committee to ensure that all candidates receive fair and equal consideration, based upon the merit of the philosophy and accomplishment of the procedures presented, and not upon extraneous material or elaborate presentation.

Any personal data that may compromise patient confidentiality e.g., the patient's name, address and NRIC number will not be used in the presentations; however, the age, sex and race of the patient should be included. Full-face photographs that could identify the patient must have the eyes blocked out or a clearance document presented that includes the patient's

written permission to use a full-face photograph. Laboratory technicians may be used to aid in fabrication of prostheses for these patients, but candidates must have a thorough understanding of laboratory procedures and are responsible for the outcome of laboratory procedures in the completed treatment. Laboratory work authorization forms will be presented for both the fixed and removable treatments.

Digital photographs would be accepted. Candidates will need to submit a thumb drive (in PowerPoint format) containing the relevant photographs.

Examination of Log Book

The candidate shall compile a log book of cases showing the broad spectrum as stated in Annex A.

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

These cases shall be submitted in the prescribed template in Appendix 2.

The logbook is to be prepared using font Arial/Times New Roman with minimum font size of 10.

All columns as specified in the log book criteria must be included (including the 1st column 'No.'). The hard copy of the logbook must be printed in landscape format.

One (1) hard copy and one (1) soft copy (in spreadsheet format e.g., Microsoft Excel) on thumb drive of the log book shall be submitted to the DSAC.

This log book must be kept over at least a two-year period of professional practice preceding the time of application which shall NOT include the full-time residency training in Prosthodontics. The log book shall illustrate the candidate's broad clinical experience relevant to the specialty of Prosthodontics and represent a true and accurate record of all the patients seen and treated by the candidate.

Candidate must submit the log book to DSAC earlier and examiners will select 2 cases (out of those submitted) for discussion. Candidate will be informed of the two cases selected by the DSAC and is required to produce the patient treatment notes, radiographs and photographs for audit purposes 48 hours prior to the exit interview.

The log book should indicate cases in the following categories with the minimum numbers in each category:

Item	Procedures	Requirements
1	<p>Fixed Prosthodontics</p> <p>Consists of a fixed reconstruction that includes at least fourteen (14) fixed units that restore the articulating surfaces of the teeth.</p> <p>At least four (4) of those units must be natural teeth.</p> <p>Anterior porcelain veneers that restore partially/fully all articulating surfaces can be considered as fixed restorations.</p>	3 cases
2	<p>Complete removable prosthodontics</p> <p>May consist of</p> <ol style="list-style-type: none"> a. Complete dentures opposing complete denture b. Complete denture or overdentures opposing an overdenture. Overdentures may be supported and/or retained by natural teeth or implant abutments c. Complete denture, overdenture, or complete obturator prosthesis opposing natural teeth or any method of restoring the opposing arch. 	10 cases (minimum 10 units)
3	<p>Fixed partial dentures</p> <p>May be supported by natural teeth or implants. (May include those in Item 1)</p>	50 fixed units* *A fixed partial denture with 2 abutments and 1 pontic is counted as 3 units
4	<p>Removable partial dentures</p> <p>May be acrylic or Co-Cr</p>	20 cases (minimum 30 units)
5	<p>Implant Prosthodontics (not included in Annex B, item 2 and 3)</p> <p>Definition of Implant – Conventional Endosteal/ Endosseous Dental Implant</p>	30 Implants

Appendix 2

Template for Prosthodontic Log Book

No.	Patient's Name	Registration No	Gender (M/F)	Age	Crown units		FPD fixed units		RPD units	Complete denture units	Overdenture units		ISFCD* units	No. of implants	Remarks
					TS*	IS*	TS*	IS*			TS*	IS*			
1															
2															
3															
Total No of Units															

Type of Cases	Fixed Prosthodontics	Complete Removable Prosthodontics	Fixed Partial Dentures	Removable Partial Dentures		Implant Prosthodontics
No. of Cases					No. of Implants	

Legend: TS – tooth supported; IS – implant supported; ISFCD – implant supported fixed complete denture

Exit Interview

The candidate shall present for a 120-minute interview at a date and time determined by the DSAC on any aspect of Prosthodontics. The interview is to enable the Board to gain a more thorough understanding of the candidate's level of skill and experience.

The candidate's cases from the log book may be discussed during the interview

The interview is a clinical-based oral assessment which shall include discussion on the subject of human diseases or conditions relevant to Prosthodontics, the formulation of treatment plan for the management of these diseases or conditions and other aspects of Prosthodontics which will include discussion of the relevant literature.

During the interview, the candidate is expected to answer questions pertaining to the patient presentation, the broad areas of Prosthodontics, and the related basic and applied sciences.