



**Royal Medical Services**

**Professional Training Division**

**Logbook for Prosthodontics Residents**

## **Explanatory Notes**

This is an important document. The logbook is an integral part of basic training and it will provide a record of your experience and your academic and educational activities. It will be part of your assessment as you move through basic training and it will be required for the final year of residency and Board examination.

This logbook is intended to be a record of all procedures you perform or participate in as part of your training.

### **Training Posts Held**

On this page you are required to list, in chronological order, the posts which you have held during residency program at the completion of each post, the trainer or consultant to whom you have been attached must sign to indicate that you have satisfactorily completed the post. When you apply to sit the final assessment, the trainer or consultant with whom you are attached will verify that the log book is complete and authenticated.

### **Educational and Academic Activities**

You must record the fact that you have sat for and succeeded the basic board examination. A copy of the Jordan Medical Council Primary board certificate should be included with your logbook. On this sheet, records of attendance at other training courses, meetings, and lectures should be recorded. It is not intended that you record educational activities within the unit to which you are attached. Publications and other personal contributions should be included as well as any involvement in research projects.

The logbook is divided into numbered segments, corresponding to the training posts held. Details of your record of practical procedures should be completed for each of these posts. There is a consolidation page to summarize the record of procedures performed.

**Personal details:**

Full Name in Arabic:

Full name in English:

National number:

Start date of your residency program:

Your signature: \_\_\_\_\_

Head of the Department: \_\_\_\_\_

Signature & Stamp: \_\_\_\_\_ Date: \_\_\_\_\_

**Training Posts Held**

Post Number	Hospital	Residency Year	Start Date	Finish Date	Consultant	Consultant signature
1 <sup>st</sup>						
2 <sup>nd</sup>						

3 <sup>rd</sup>						
4 <sup>th</sup>						
5 <sup>th</sup>						
6 <sup>th</sup>						
7 <sup>th</sup>						
8 <sup>th</sup>						
9 <sup>th</sup>						
10 <sup>th</sup>						
11 <sup>th</sup>						
12 <sup>th</sup>						
13 <sup>th</sup>						
14 <sup>th</sup>						
15 <sup>th</sup>						
16 <sup>th</sup>						
17 <sup>th</sup>						
18 <sup>th</sup>						
19 <sup>th</sup>						
20 <sup>th</sup>						

This form should only be signed by the consultant or trainer at the end of the post, provided that the trainee has finished the period of the training satisfactorily.





## **Prosthodontics curriculum**

The duration of the program is a 3 years full time training program, upon successful completion of all requirements the trainees will be eligible to sit for the final Jordan board exam, and once the exam is passed successfully the Jordan board certificate will awarded.

### **1-First year of training:**

#### **Theoretical requirements:**

- 1- Treatment planning and preparation of the mouth for prosthetic rehabilitation include the following topics:
  - a. Comprehensive diagnosis and treatment planning.
  - b. Periodontics in relation to Prosthodontics-includes periodontal indices, monitoring periodontal health and root planning.
  - c. Orthodontics in relation to Prosthodontics.
  - d. Endo topics related to Prosthodontics.
  - e. Radiological topics related to Prosthodontics.
  
2. **Advanced Removable Prosthodontics topics include (complete and removable partial dentures) should include:**
  - I. **Complete dentures topics include:**
    - a. Effects of tooth loss.
    - b. Limitations of complete dentures.
    - c. Mouth preparation, including simple surgery.
    - d. Impression techniques.
    - e. Aesthetics and tooth position.
    - f. Establishing jaw relationships.
    - g. Balanced occlusion and articulation.
    - h. Post insertion complaints.
    - i. Copy dentures and rebasing.
  
  - II. **Removable partial dentures topics include:**
    - a. The concepts of removable Prosthodontics.
    - b. Treatment planning and evaluation of patients in removable Prosthodontics.
    - c. Types of removable partial dentures: indication,contraindication,advantages and disadvantages.
    - d. Main components of removable partial dentures,design,path of insertion.support,retension and bracing.
    - e. Concepts of impression making for removable Prosthodontics concepts of jaw relation and registration and types of Occlusal schemes.

- f. Principles of teeth setting and the trial step.
- g. The principles of delivering the removable prostheses and post operative instructions and maintenance procedure.
- h. The effects of dentures on the tissues and the problems that associate the removable prostheses.
- i. Rebasing and relining.

**3. Introduction to fixed Prosthodontics which include the following topics:**

- a. Making clinical decisions, diagnosis and treatment planning.
- b. Fixed Prosthodontics conforming to the existing and recognized occlusion.
- c. Biomechanical aspects of tooth preparation and marginal finish design.
- d. Soft tissue management and impression making.
- e. Provisional restorations.
- f. Anatomy, physiology and pathology of the masticatory system,pulp and periodontium.
- g. Prevention of dental diseases.
- h. Preparation design for inlays,onlays,crowns and bridges, and fixed prostheses conforming to existing ICP and anterior guidance.
- i. Theory and practice of occlusion including the use of a face bow and articulator, knowing when and how to take Occlusal records, Occlusal position: ICP/CR and RCP.
- j. Endodontic (include surgical endodontic).
- k. Restoration of endodontic ally treated tooth, radiology.

**4. Introduction to geriodontology .**

**5. Advance oral maxillofacial radiology.**

**6. Dental materials.**

**7. Basic course in dental implantology.**

**8. Applied biostatistics.**

**First year: This is the minimum clinical requirement.**

- 1. The resident should be able to take patient history,intra and extra oral examination ,diagnosis and treatment planning.
- 2. The resident should be able to order,read and analyze laboratory test and radiographs.
- 3. The resident should be able to provide initial dental treatment that includes: patient motivation and education about oral hygiene treat endodontic emergencies, and the ability to do post operative evaluation.
- 4. The resident should finish the following minimum clinical requirement:
  - 1. **Fixed Prosthodontics**( 15 units) . At least 3 units all ceramic restorations.
  - 2. **Complete and partial removable Prosthodontics:**



- a. Acrylic complete denture prostheses ( 8 pairs).
- b. Immediate complete dentures(1).
- c. An over denture retained by natural teeth(1).
- d. Acrylic removable partial denture prostheses(8).
- e. Chromium cobalt removable partial denture prostheses(1).

**3. Of the followings (at least 3 cases)**

- a. Readymade post (fiber post).
- b. Casted post.
- c. Resin bonded bridge.
- d. Relining or rebasing of complete denture.
- e. Surgical crown lengthening for one tooth.

**4. Laboratory part**

Student should fabricate the following laboratory steps from A to Z( supervised):

- a. Two complete dentures.
- b. One cobalt chromium case.
- c. Three units porcelain fused to metal bridge.

## **Second year:**

### **Theoretical requirements:**

- 1- **Advanced Removable Prosthodontists topics include (complete and removable partial dentures) should include;**
  - A. The concepts of removable prosthodontics
  - B. Treatment planning and evaluation of patients in removable prosthodontics
  - C. The general and specific principle of RPD design (Acrylic and CoCr RPD)
  - D. Concepts of impression making for removable prosthodontics including special and advanced techniques required in certain cases, altered cast technique, neutral zone technique and flappy ridge impressions.
  - E. Concepts of jaw relation and registration and types of occlusal schemes
  - F. Principles of teeth setting and the trial step

- G. The principles of delivering the removable prostheses and post operative instructions and maintenance procedure
- H. The effects of dentures on the tissues and the problems that associate the removable prostheses
- I. Principles of management using immediate, copy and single dentures and special dentures. Indications and contraindications and special situations.
- J. Principles of management using maxillofacial prosthodontics. Types, indications, contraindications and special situations
- K. Principles of management using attachments and over dentures. Types, indications, contraindications and special situations
- L. Principles of occlusal management using occlusal splints. Types, indications, contraindications and special situations
- M. Management of sleeping dyspnoea using removable prosthodontics
- N. CoCr versus acrylic Removable partial dentures, indications and contraindications and complications
- O. Rebasing and relining

**2- Fixed prosthodontics which includes;**

- A. Making clinical decisions, diagnosis and treatment planning.
- B. Fixed prosthodontics conforming to the existing and recognized occlusion.
- C. Management of endodontically treated teeth.
- D. Readymade versus casted post; Types, indications, contra indications and complications.
- E. Biomechanical aspects of tooth preparation and marginal finish design
- F. Soft tissue management and impression making
- G. Provisional restorations
- H. Applied practical knowledge in occlusion related to simple and advanced restorative dentistry.
- I. Management of severely worn dentition and full mouth rehabilitation
- J. Adhesive techniques including resin bonded fixed partial dentures, inlays, onlays and porcelain laminate veneers
- K. The esthetic considerations involved in fixed prosthodontics
- L. Advanced knowledge in updated treatment modalities, types of fixed partial dentures and new techniques
- M. The all ceramic technology and CAD/ CAM technology
- N. Biomechanics of single tooth implants and fixed partial denture retained implants
- O. Causes and management of failed fixed prostheses

**3- Clinical and applied dental materials in prosthodontics.**

#### **4- Occlusion**

- A. Applied occlusion and their clinical implication.
- B. Evaluation, diagnosis and treatment of occlusal problems.
- C. Theory and practice of occlusion including the uses and working knowledge of articulators and facebows.
- D. Anatomy of skeletal, dental, muscular components of the stomatognathic system.
- E. Functional anatomy of the TMJ, neuromuscular control of oral functions, and mandibular positions and movement
- F. Diagnosis and management of pathophysiological conditions of the stomatognathic system
- G. Anatomy of the stomatognathic system
- H. Intermaxillary relation
- I. Mandibular movements
- J. Occlusal harmony and interferences
- K. Articulators and their use
- L. Facebows and interocclusal records
- M. Occlusion in restorative dentistry
- N. Temporomandibular joint dysfunction
- O. Occlusal therapy and occlusal splints
- P. Occlusal adjustments

**5- Identification and management of denture, crown and bridge problems.**

**6- Precession attachment, types and indications for fixed and removable prosthesis**

**7- The restoration of teeth including indications, principles and techniques for intracoronal restorations and including adhesive techniques and materials.**

**8- Management of medically compromised patients and the elderly.**

**9- Surgical aspects of prosthodontic treatment**

**10- Basic knowledge in implantology and science of osseointegrations.**

**11- Over dentures; Tooth retained and implant retained dentures**

**12- Combination of removable and fixed removable prostheses. Managements, indications and contra indications.**

## **Third year:**

### **Theoretical requirements:**

In addition to the topics of the 2<sup>nd</sup> year the following topics are required in more details:

#### **1- Removable prosthodontics**

- 2- Fixed prosthodontics**
- 3- Maxillofacial prosthodontics.**
- 4- Implant supported prosthesis ( both fixed and removable)**
  - a. Principles of osseointegration, treatment planning, clinical and laboratory procedures of implant prostheses
  - b. Introduction and historical review
  - c. Biological, clinical and surgical aspects of oral implants
  - d. Science of osseointegration
  - e. Diagnosis and treatment planning
  - f. Radiological interpretation for selection of fixtures
  - g. Splints for guidance for surgical placement of fixtures
  - h. Guided bone and tissue generation consideration for implants fixtures
  - i. Implant supported prostheses for complete and partial edentulism
  - j. Occlusion for implant supported and implant retained prostheses
  - k. Peri-implant tissue and management
  - l. Maintenance and after care in implantology
  - m. Managements of failed restoration in implantology
  - n. Implants failure; causes and managements
- 5- Geriatric dentistry**
- 6- Diagnosis and management of TMJ problems**
- 7- The interrelationship between prosthodontics, oral surgery and orthodontics.**
- 8- Restorative and periodontal intervention**
- 9- Esthetics in dentistry.**
- 10- Biostatistics**
- 11- Research methodology**

*Prosthodontists Specialty Seminars (Years 1, 2, 3):* Many subject areas will be covered in these seminars. Since all prosthodontics and prosthodontics-related subjects which should include Perio-prosthodontics cases, multidisciplinary treatments, biomechanics, in-depth literature reviews, esthetics and alternate prosthodontics treatment plans, occlusion, geriodontics classic and current literature in Prosthodontists.

fixed and removable prosthodontics, implantology, immediate dentures and over dentures, precision attachments, use of periodontal prostheses and TMJ management.

Students will be required to read, summarize and present for class discussion.

**ROYAL MEDICAL SERVICES OF JORDANIAN ARMED FORCES  
ANNUAL LOGBOOK SUMMARY SHEET**

**Prosthodontics**

<b>Family Name</b>	
<b>First Name</b>	
<b>Other Names</b>	
<b>Regional Training Centre</b>	
<b>Training year</b>	

## PROSTHETIC DENTISTRY LOG BOOK

First year residency program prosthetic dentistry log book	
Procedures	Minimal requirements
<b>Removable Prosthodontics (Complete and Partial dentures)</b>	
Conventional Acrylic Complete denture (upper and lowers)	12 pairs
Immediate complete denture (per arch)	1
An over-denture retained by natural teeth (per arch)	1
Relining or rebasing of complete denture (per case)	3
Tissue conditioner (per arch)	2
Acrylic removable partial denture prostheses (per arch)	7
Cobalt chromium removable partial denture prostheses (per arch)	3
<b>Fixed Prosthodontics</b>	
<b>Fixed Partial dentures (units)</b>	<b>6</b>
<b>Miscellaneous</b>	
Ready made post (fiber post)	1
Casted post	1
Resin bonded bridge	3
Altered cast technique (free end saddle RPD) (per arch)	2
Denture repair, addition	3
Surgical crown lengthening for one tooth	1
<b>Laboratory part From A to Z (supervised)</b>	
Acrylic Complete denture prostheses (upper and lower)	2
Acrylic removable partial denture prostheses	1
Chromium cobalt removable partial denture prostheses	1
Porcelain fused to metal bridge	3 units

Second year residency program prosthetic dentistry log book	
Procedures	Minimal requirements
<b>Removable Prosthodontics (Complete and Partial dentures</b>	
Conventional Acrylic Complete denture (upper and lower)	10 pairs
Acrylic Complete denture prostheses for highly resorped ridge gradual bite rising.	3 pairs
Immediate complete denture (per arch)	1
One copy denture (per arch)	1
An over-denture retained by natural teeth (per arch)	1
An over-denture retained by implants (per arch)	1
Relining or rebasing of complete denture (per case)	3
Tissue conditioner (per arch)	2
Acrylic removable partial denture prostheses (per arch)	10
Cobalt chromium removable partial denture prostheses (per arch)	2
<b>Fixed Prosthodontics</b>	
Porcelain fused to metal (PFM) crowns and bridges	21 units
All ceramic crowns	6 units
Porcelain or composite veneers	4 units
<b>Miscellaneous</b>	
Ready made post (fiber post)	2cases
Casted post	1 case
Resin bonded bridge	3 units
Altered cast technique (free end saddle RPD) (per arch)	1
Denture repair, addition	3 cases

Precession attachment for fixed or removable partial denture	3 cases
Occlusal splint therapy	3 cases
Special CD (metal base, elastic, segmented, ..)	1 case
Sever tooth attrition (bite rise)	1 case
Surgical crown lengthening for one quadrant	3 cases
<b>Laboratory part From A to Z (supervised)</b>	
A diagnostic wax up	3 cases
Surgical stent	2 cases
Cobalt chromium	1 case
Porcelain fused to metal bridge (3 units or more)	1 case



**Third year residency program  
prosthodontic dentistry log book**

Procedures	Minimal requirements
<b>Removable Prosthodontics (Complete and Partial dentures)</b>	
Conventional Acrylic Complete denture (upper and lower)	8
Acrylic Complete denture prostheses for highly resorped ridge gradual bite rising.	3 pairs
Immediate complete denture (per arch)	1
An over-denture retained by natural teeth (per arch)	1
Relining or rebasing of complete denture (per case)	3
Tissue conditioner (per arch)	2
Acrylic removable partial denture prostheses (per arch)	6
Cobalt chromium removable partial denture prostheses (per arch)	2
<b>Fixed Prosthodontics</b>	
Porcelain fused to metal (PFM) crowns and bridges	36 units
All ceramic crowns	6 units
Porcelain or composite veneers	10 units
<b>Miscellaneous</b>	
Full mouth rehabilitation by means of fixed prostheses or fixed removable prostheses	1-2 cases
Insertion of at least (5 implants) in completely or partially edentulous patient (under supervision).	1-3 cases
Fabrication an implant supported prostheses (7 units; single crown, fixed partial denture, implant retained	1-3 cases
Temperomandibular joint dysfunction syndrome case and treatment with occlusal appliance	3 cases
Maxillofacial prosthesis; intra and / or extra oral prostheses	1-2 cases

## **Summary of the clinical requirements**

The minimum clinical requirements which will be well documented in clinical log books are as follows:

<b>Prosthodontic clinical requirements</b>	<b>Number</b>
Fixed partial dentures	75 units
Removable partial dentures - mixed varieties (per arch)	30 pieces
Complete dentures (mixed varieties including the conventional complete dentures)	45 cases
Conventional dentures uppers and lowers	32
Implant installation (surgical part)	5 implants
Implant supported fixed prostheses	7 units
Implant retained removable prostheses	1
Maxillofacial prostheses (intra and extra oral prostheses)	2

<b>Trainee Signature:</b>	<b>Date:</b>
<b>Director of Training Signature:</b>	<b>Date:</b>



**Patient's Name:** \_\_\_\_\_

**Age:** \_\_\_\_\_

**Gender:**

\_\_\_\_\_

**Chief Complaint:**

\_\_\_\_\_  
\_\_\_\_\_

**Medical History:**

\_\_\_\_\_  
\_\_\_\_\_

**Dental History:**

\_\_\_\_\_  
\_\_\_\_\_

**Extra-oral Examination:**

\_\_\_\_\_  
\_\_\_\_\_

**Intra-oral Examination:**

\_\_\_\_\_  
\_\_\_\_\_

**Vitality Testing:**

\_\_\_\_\_

**Radiographic Findings:**

\_\_\_\_\_

**Diagnosis:**

\_\_\_\_\_  
\_\_\_\_\_

**Treatment Plan:**







## Summative evaluation:

5: excellent      4: very good      3: good      2: poor      1: unacceptable

Clinical and technical skills	5	4	3	2	1
Problem identification					
Patient management					
Emergency treatment					
Procedure skills					
Descriptive evaluation :					
Personal and professional maturity	5	4	3	2	1
Punctuality					
Emotional and professional maturity					
Relationship with other medical personnel					
Applying ethical principles in patient care					
Communication skills					
Descriptive evaluation :					

	5	4	3	2	1
Overall performance					
Descriptive evaluation :					

Recommended to sit for exam:	Yes	No
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**If No why:**

**The resident eligibility for exam should include:**

1. Overall evaluation should not be less than 3
2. Lack of any documented misconduct or unethical behavior

**Supervisor name and signature** \_\_\_\_\_

**Program director signature** \_\_\_\_\_

**Chief of department name and signature** \_\_\_\_\_