



UAEU

جامعة الإمارات العربية المتحدة
United Arab Emirates University

NATIONAL INSTITUTE FOR HEALTH SPECIALTIES

NIHS Entrustable Professional
Activities (EPAs) for Specialty
Education in Prosthodontics

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List of EPAs:

EPA 1: Managing completely edentulous patients with full-arch removable prostheses.....	3
EPA 2: Managing completely edentulous patients with full-arch removable implant-supported prostheses	5
EPA 3: Managing completely edentulous patients with full-arch fixed implant-supported prostheses.....	7
EPA 4: Managing partially edentulous patients with removable dental prostheses.....	9
EPA 5: Managing partially edentulous patients with conventional fixed dental prostheses.....	11
EPA 6: Managing partially edentulous patients with conventional fixed dental prostheses.....	13
EPA 7: Managing and performing treatment for dentated patients with complex clinical conditions with fixed dental prostheses	15
EPA 8: Managing treatment for patients with temporomandibular disorders ...	17
EPA 9: Managing patients requiring maxillofacial prostheses	18
EPA 10: Managing partially edentulous patients with implant-supported fixed prostheses.....	19

Prosthodontics

EPA 1: Managing completely edentulous patients with full-arch removable prostheses

Key Features: This EPA encompasses the clinical assessment, diagnosis, treatment planning and management of completely edentulous patients in need of replacement of missing teeth and associated bony and soft tissue structures with removable complete denture prostheses.

- It includes assessing general and oral health conditions, addressing patients' needs and expectations, provision of functional and esthetic prostheses based on sound scientific evidence, Pre-prosthetic surgical planning for completely edentulous patients', effective communication for multidisciplinary management of complex conditions, monitoring treatment progress and post-treatment maintenance.
- Residents must demonstrate the ability to select and apply appropriate materials and techniques effectively including management of severely resorbed alveolar ridges and flappy ridges with removable prosthesis prostheses, delivering functional and esthetic outcomes while upholding the highest standards of patient care.
- ***This EPA must be observed in a clinical setting.***

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care; Urgent care
- Patient age: Adult; Geriatric

Basis on formal entrustment decisions:

Collect at least 5 observations of achievement.

- At least one case Class IV PDI

When unsupervised practice is expected to be achieved: End of PGY 2

Relevant Milestones:

1. Identify patient's problems and/or chief complaint.
2. Perform a comprehensive extraoral and intra-oral examination.
3. Appropriate use of diagnostic methods.
4. Prepare teeth precisely and conservatively.
5. Make accurate conventional/digital impressions.
6. Construct appropriate provisional restorations.
7. Select appropriate prosthetic design, materials and techniques.

8. Establish effective communication with dental technicians and write clear laboratory order form.
9. Perform trial fitting and final cementation of prostheses.
10. Perform regular follow and maintenance program.

Prosthodontics

EPA 2: Managing completely edentulous patients with full-arch removable implant-supported prostheses

Key Features: This EPA encompasses the clinical assessment, diagnosis, treatment planning and management of completely edentulous patients in need of replacement of missing teeth and associated structures with Implant supported removable complete denture prostheses.

- It includes assessing general and oral health conditions, addressing patients' needs and expectations, Pre-prosthetic surgical planning for completely edentulous patients including prosthetically driven implant planning, provision of functional and esthetic prostheses based on sound scientific evidence, effective communication for multidisciplinary management of complex conditions, monitoring treatment progress and post-treatment maintenance.
- Residents must demonstrate the ability to select and apply appropriate materials and techniques effectively including bar, locators, ball and socket and telescopic attachments on implant supported removable prosthesis prostheses, delivering functional and esthetic outcomes while upholding the highest standards of patient care.
- **This EPA must be observed in a clinical setting.**

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care; Urgent care
- Patient age: Adult; Geriatric

Basis on formal entrustment decisions:

Collect at least 3 observations of achievement with different attachments

- AT least one with bars.

When is unsupervised practice expected to be achieved: PGY 3

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Perform a comprehensive extraoral and intra-oral examination
4. Appropriate use of diagnostic methods
5. Prepare teeth precisely and conservatively
6. Make accurate conventional/digital impressions

7. Construct appropriate provisional restorations
8. Select appropriate prosthetic design, materials and techniques
9. Establish effective communication with dental technicians and write clear laboratory order forms.
10. Perform trial fitting and final cementation of prostheses
11. Perform regular follow and maintenance program

Prosthodontics

EPA 3: Managing completely edentulous patients with full-arch fixed implant-supported prostheses

Key Features: This EPA encompasses the clinical assessment, diagnosis, treatment planning and management of completely edentulous patients in need for replacement of missing teeth and associated structures with Implant supported fixed dental prostheses.

- It includes assessing general and oral health conditions, addressing patients' needs and expectations, provision of functional and esthetic prostheses based on sound scientific evidence, effective communication for multidisciplinary management of complex conditions, monitoring treatment progress and post-treatment maintenance.
- Residents must demonstrate the ability to select and apply appropriate materials and techniques effectively including one piece implant supported prosthesis or multiple implants supported Fixed dental prostheses, delivering functional and esthetic outcomes while upholding the highest standards of patient care.
- This EPA must be observed in a clinical setting.

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care; Urgent care
- Patient age: Adult; Geriatric

Basis on formal entrustment decisions:

- Collect at least 2 observations of achievement.

When is unsupervised practice expected to be achieved: PGY 3

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Perform a comprehensive extraoral and intra-oral examination
4. Appropriate use of diagnostic methods
5. Prepare teeth precisely and conservatively
6. Make accurate conventional/digital impressions
7. Construct appropriate provisional restorations
8. Select appropriate prosthetic design, materials and techniques
9. Establish effective communication with dental technicians and write clear laboratory order forms..
10. Perform trial fitting and final cementation of prostheses

11. Perform regular follow and maintenance program

Prosthodontics

EPA 4: Managing partially edentulous patients with removable dental prostheses

Key Features: This EPA encompasses the diagnosis, treatment planning and management of partially edentulous patients in need of replacement of missing teeth and associated structures with removable dental prostheses.

- This activity contains or may contain the following elements:
 - Diagnosis and treatment planning for partially edentulous patients
 - Working as part of a multidisciplinary care team including referral, providing, and seeking consultation
 - Providing partial removable prostheses which may be of any of the following designs:
 - conventional Co-Cr removable partial dentures, which may include attachments
 - tooth-supported and tooth-and-implant-supported telescopic removable prostheses
 - implant-assisted removable partial prostheses
 - a combination of fixed-removable prostheses (e.g., surveyed crowns, restoration of worn dentition in combination with partial denture)
 - overlay and onlay removable partial dentures
 - Pre-prosthetic surgical planning for partially edentulous patients
 - Performing surgical implant fixture placement in collaboration with other specialties as a multidisciplinary care team
 - Aesthetic and functional rehabilitation for partially edentulous patients.
 - Identification and management of implant-supported dental prostheses problems
 - Providing maintenance care.
- This EPA must be observed in a clinical setting.

Assessment Plan:

Direct and indirect observation with documentation review by supervisor.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care; Emergency; Urgent care
- Patient age: adolescent, adult

Basis on formal entrustment decisions:

Collect at least 5 observations of achievement in:

- taking history and performing examinations
- diagnosis
- treatment planning
- communication with lab

Collect at least 5 observations of achievement on each of following procedures relating to removable partial prostheses for PDI I-IV (has to be a mix of PDI I-IV). It is expected

that PDI I-II cases are to be performed prior to PDI III-IV cases.

- survey casts
- tooth preparation and provision of provisional prostheses (where necessary)
- definitive impressions
- vertical and horizontal jaw relation records
- try in of wax trial
- adjustment and insertion
- post insertion follow-up and maintenance care

When is unsupervised practice expected to be achieved: end of PGY 2

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Perform a comprehensive extraoral and intra-oral examination
4. Appropriate use of diagnostic methods and techniques
5. Accurate conventional/digital impression
6. Vertical and horizontal jaw relation records
7. Select appropriate prosthetic design, materials and techniques
8. Establish effective communication with dental technicians and write clear laboratory order forms.
9. Perform trial fitting and final cementation of prostheses
10. Insertion and post insertion adjustments
11. Post insertion follow-up and maintenance care

Prosthodontics

EPA 5: Managing partially edentulous patients with conventional fixed dental prostheses

Key Features: This EPA encompasses the diagnosis, treatment planning and management of partially edentulous patients in need of replacement of missing teeth and associated structures with fixed dental prostheses on natural teeth.

- It includes assessing general and oral health conditions, addressing patients' needs and expectations, provision of esthetic and functional prostheses based on sound scientific evidence, effective communication for multidisciplinary management of complex conditions, monitoring treatment progress and post-treatment maintenance.
- Residents must demonstrate the ability to select and apply appropriate materials and techniques effectively, delivering functional and esthetic outcomes while upholding the highest standards of patient care.
- This EPA must be observed in a clinical setting

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care; emergency; Urgent care
- Patient age: Pediatric; Adult; Geriatric

Basis on formal entrustment decisions:

Collect at least 6 observations of achievement.

- At least 2 cases of Class III and IV according to PDI classification for dentate patients

When unsupervised practice is expected to be achieved: PGY 2

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Perform a comprehensive extraoral and intra-oral examination
4. Appropriate use of diagnostic methods
5. Prepare teeth precisely and conservatively
6. Make accurate conventional/digital impressions
7. Construct appropriate provisional restorations
8. Select appropriate prosthetic design, materials and techniques
9. Establish effective communication with dental technicians and write clear laboratory order form
10. Perform trial fitting and final cementation of prostheses

11. Perform regular follow and maintenance program

Prosthodontics

EPA 6: Managing partially edentulous patients with conventional fixed dental prostheses

Key Features: This EPA encompasses the diagnosis, treatment planning and management of completely edentulous patients in need of replacement of missing teeth and associated structures with Implant supported fixed dental prostheses.

- It includes assessing general and oral health conditions, addressing patients' needs and expectations, Pre-prosthetic surgical planning for partially edentulous patients including prosthetically driven implant planning, provision of functional and esthetic prostheses based on sound scientific evidence, effective communication for multidisciplinary management of complex conditions, monitoring treatment progress and post-treatment maintenance.
- Residents must demonstrate the ability to select and apply appropriate materials and techniques effectively, delivering functional and esthetic outcomes while upholding the highest standards of patient care.
- This EPA must be observed in a clinical setting

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care; Urgent care
- Patient age: Adult; Geriatric

Basis on formal entrustment decisions:

- Collect at least 5 observations of achievement.

When unsupervised practice is expected to be achieved: PGY 3

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Perform a comprehensive extra-oral and intra-oral examination
4. Appropriate use of diagnostic methods
5. Prepare teeth precisely and conservatively
6. Make accurate conventional/digital impressions
7. Construct appropriate provisional restorations
8. Select appropriate prosthetic design, materials and techniques
9. Establish effective communication with dental technicians and write clear laboratory order form

10. Perform trial fitting and final cementation of prostheses
11. Perform regular follow and maintenance program

Prosthodontics

EPA 7: Managing and performing treatment for dentated patients with complex clinical conditions with fixed dental prostheses

Key Features: This activity contains the following elements:

- Diagnosis and treatment planning
- Working as part of a multidisciplinary care team including referral, providing, and seeking consultation
- Pre-surgical planning for functional and/or aesthetic crown lengthening
- Providing provisional and definitive direct/indirect fixed dental prostheses for aesthetic and functional rehabilitation, which may include:
 - o management of tooth wear
 - o management of dental, gingival, prostheses aesthetic needs (e.g., discoloration, dental trauma, dental anomalies, and malformations)
 - o direct and indirect restoration of endodontically treated teeth using a range of techniques
- Identification and management of fixed dental prostheses problems
- Providing maintenance care, e.g., repair at recall visits.
- Performing and planning the clinical and laboratory procedures, both digital and conventional workflows, for designing smile and fabrication of fixed dental prostheses.
- Applying minimally invasive dentistry concept when appropriate.
- This EPA must be observed in a clinical setting.

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care
- Patient age: Adult; Geriatric

Basis on formal entrustment decisions:

Collect at least 6 observations of achievement.

- At least 2 cases of PDI class III and IV

When is unsupervised practice expected to be achieved: PGY 3

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Perform a comprehensive extraoral and intra-oral examination
4. Appropriate use of diagnostic methods

5. Prepare teeth precisely and conservatively
6. Make accurate conventional/digital impressions
7. Construct appropriate provisional restorations
8. Select appropriate prosthetic design, materials and techniques
9. Establish effective communication with dental technicians and write clear laboratory order form
10. Perform trial fitting and final cementation of prostheses
11. Perform regular follow and maintenance program

Prosthodontics

EPA 8: Managing treatment for patients with temporomandibular disorders

Key Features: This EPA encompasses the diagnosis, treatment planning and management for patients with temporomandibular disorders.

- It includes assessing general and oral health conditions, differential diagnosis, addressing patients' needs and expectations, provision of treatment and appliances based on sound scientific evidence, effective communication for multidisciplinary management of complex conditions, orthodontics and facial pain clinic, monitoring treatment progress and post-treatment maintenance.
- Residents must demonstrate the ability to select and apply appropriate materials and techniques effectively, delivering functional outcomes while upholding the highest standards of patient care.
- This EPA must be observed in a clinical setting

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care; Emergency; Urgent care
- Patient age: Pediatric; Adult; Geriatric

Basis on formal entrustment decisions:

- Collect at least 5 observations of achievement.

When unsupervised practice is expected to be achieved: PGY 3

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Obtain a comprehensive social history
4. Perform a comprehensive extraoral and intra-oral examination
5. Appropriate use of diagnostic methods
6. Make accurate conventional/digital impressions
7. Construct appropriate provisional restorations if needed
8. Select appropriate appliances design, materials and techniques
9. Establish effective communication with dental technicians and write clear laboratory order form
10. Perform trial fitting and final insertion of the appliances
11. Perform regular follow and maintenance program

Prosthodontics

EPA 9: Managing patients requiring maxillofacial prostheses

Key Features: This EPA encompasses the diagnosis, risk assessment, treatment planning, management, referral and follow up of patients requiring maxillofacial services.

- The resident should be able to understand, observe and participate in the overall management of the maxillofacial patients within a multidisciplinary team and institute effective communication and referral with other health care professionals to provide optimum oral care while ensuring patient safety.
- This EPA must be observed in a clinical setting

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care; Emergency; Urgent care
- Patient age: Pediatric; Adult; Geriatric

Basis on formal entrustment decisions:

Collect at least 2 observations of achievement.

When unsupervised practice is expected to be achieved: PGY 3

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Perform a comprehensive extraoral and intra-oral examination
4. Appropriate use of diagnostic methods and techniques
5. Make impressions, design and provide simple maxillofacial prosthetic devices (i.e. obturators, removable complete and partial dentures on teeth or implants)
6. Participate in the multidisciplinary management of advanced maxillofacial prosthetic cases
7. Recognize complex patients' needs and initiate appropriate referral to specialists and other healthcare providers
8. Perform appropriate follow-up and establish maintenance programs

Prosthodontics

EPA 10: Managing partially edentulous patients with implant-supported fixed prostheses

Key Features: This EPA consists of the following:

- Diagnosis and treatment planning for partially edentulous patients.
- Working as part of a multidisciplinary care team including referral, providing, and seeking consultation.
- Performing surgical implant placement implant fixture placement and simple grafting techniques independently in low and medium complexity cases (using surgical SAC classification).
- Performing surgical implant fixture placement and grafting techniques in collaboration with other specialties as a multidisciplinary care team in high complexity cases (using surgical SAC classification) in collaboration with other specialties as a multidisciplinary care team.
- Pre-surgical planning for partially edentulous patients.
- Providing provisional and definitive implant-supported fixed prostheses for aesthetic and functional rehabilitation.
- Identification and management of implant-supported fixed prostheses problems.
- Providing maintenance care, e.g., replacing screws, repair at recall visits.
- Performing and planning clinical and laboratory procedures, both digital and conventional workflows, for fabrication of implant-supported fixed prostheses.
- This EPA must be observed in a clinical setting.

Assessment Plan:

Direct or indirect observation or case and notes review by supervisor with or without multisource feedback.

Assessment form collects information on:

- Setting: Dental clinics
- Case mix: Routine care
- Patient age: Adult; Geriatric

Basis on formal entrustment decisions:

Collect at least 10 observations of implants achievement.

When is unsupervised practice expected to be achieved: PGY 2&3

Relevant Milestones:

1. Identify patient's problems and/or chief complaint
2. Obtain a comprehensive medical and dental history
3. Perform a comprehensive extraoral and intra-oral examination
4. Appropriate use of diagnostic methods

5. Prepare teeth precisely and conservatively
6. Make accurate conventional/digital impressions
7. Construct appropriate provisional restorations
8. Select appropriate prosthetic design, materials and techniques
9. Establish effective communication with dental technicians and write clear laboratory order form
10. Perform trial fitting and final cementation of prostheses
11. Perform regular follow and maintenance program

