

SCOPE OF PRACTICE - DENTAL TECHNOLOGY

1. Dental Assistant (DA) (One-Year Certificate Holder or Equivalent Experience)

Purpose and Scope

These regulations define the scope of practice for individuals possessing a Secondary School Certificate and either a one-year certificate or ten years of hands-on experience from a reputable institution or dental clinic.

Qualifications

- Secondary School Certificate or equivalent.
- Minimum one-year certificate in Dental Technology from Medical Faculty.
- Competency validated through assessment by the relevant regulatory authority.

Scope of Practice

Qualified Dental Assistant (DA) is authorized to:

- Assist dentists and Dental Technologists during dental procedures.
- Prepare patients, obtain medical histories, and explain procedures.
- Implement sterilization protocols and maintain infection control.
- Pass instruments and assist during clinical procedures.
- Take dental impressions for diagnostic or treatment use.
- Take dental radiographs under appropriate supervision.
- Direct provision and maintenance of partial and complete dentures (no prescriptions required)
- Perform exodontia of primary teeth.
- Handle administrative tasks, including scheduling and record management.
- Educate patients on oral hygiene and post-operative care.
- Mix dental materials and maintain dental inventory.



Limitations

- Cannot perform specialized procedures independently or conduct surgical/invasive treatments.
- Must follow applicable legal, regulatory, and professional standards.

2. Dental Technician (Two-Year Diploma Holder)

Purpose and Scope

These regulations define the scope of practice for individuals with a Secondary School Certificate and a two-year diploma in Dental Technology.

Qualifications

- Secondary School Certificate or equivalent.
- Two-year diploma in Dental Technology from Medical Faculty or BISE
- Demonstrated competency via recognized assessment.

Scope of Practice

Eligible Dental Technicians are permitted to:

- Provide oral health education to communities.
- Perform exodontia of primary teeth.
- Provide restorative treatment for primary teeth.
- Direct provision and maintenance of partial and complete dentures (no prescriptions required)-
- Design, manufacture, fit, delivery of removable appliances-
- Can take radiographs, provide oral health advice, suture removal, whitening under dentist's direction-
- Implant over denture provision and attachment adjustment
- Collaborate with dental professionals to coordinate care.
- Operate relevant dental equipment and materials.

Limitations

- Cannot perform specialized procedures or major surgeries.
- Must comply with governing laws and professional standards.
- May not handle medically compromised patients for any procedures.
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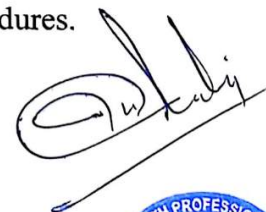
3. Dental Technologist (BS Dental Technology)

Title and Credentialing

Recognized as Dental Technologist.

Independence and Supervision

Authorized to work independently and supervise Dental Technicians.



Scope of Practice

Qualified professionals are entitled to:

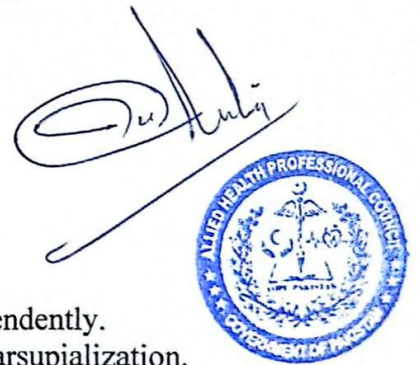
- Conduct patient assessments including oral examinations and history taking.
- Perform scaling and polishing procedures.
- Deliver primary dental care to the community.
- Provide conservative treatments for primary and permanent teeth.
- Perform routine exodontia
- Pre-formed crown placement on primary teeth
- Radiographic prescription, suture removal, rubber dam use, impressions-
- Pulp therapy in children, palliative emergency care
- Educate and counsel patients on oral health.
- Prescribe preventive agents, like toothpaste, mouth rinses, varnishes, jells, solutions, and other fluoride containing topical agents.
- Administer local anesthesia and perform pulpotomies.
- Conduct minor oral surgeries like epulis and mucocele removal and suturing.
- Take impressions, record occlusal relationships, and fabricate prosthesis and orthodontic appliances (fixed and removable)
- Routine periodontal treatment.
- Perform shade matching and esthetic enhancements.
- Can deliver teaching at dental hospitals and dental schools.

Patient Interaction

May perform the above procedures directly or under prescription.

Limitations

- May not perform major surgical procedures/open extraction independently.
- May not perform incisional or excisional biopsy, enucleation or marsupialization.
- May not perform gingival grafting directly.
- May not handle medically compromised patients for any procedures.



4. Dental Technology Specialist

Title and Credentialing

Holders of an MS or M.Phil. in Dental Technology are recognized as Dental Technology Specialist in community dentistry.

Independence and Supervision

- Authorized to practice independently in clinical settings.
- Qualified to supervise dental technicians.
- May consult with dentists, public health officials, and interdisciplinary healthcare teams.

Scope of Practice

- Everything that a dental technologist.
- Perform advanced clinical procedures in relation to community dentistry
- Deliver primary and preventive oral healthcare services at community, clinical, and institutional levels.
- Provide conservative dental treatments for primary and permanent teeth.
- Perform routine extractions (exodontia), pulpomies, and non-surgical periodontal therapy.
- Conduct oral examinations, diagnose common oral diseases, and create comprehensive treatment plans.
- Interpret intraoral and extraoral radiographs.
- Prescribe preventive agents, like toothpaste, mouth rinses, varnishes, jells, solutions, and other fluoride containing topical agents.
- Conduct minor oral surgeries like epulis and mucocele removal and suturing.
- Take impressions, record occlusal relationships, and fabricate prosthesis and orthodontic appliances (fixed and removable)
- Routine periodontal treatment.
- Design and implement community-based oral health promotion programs.
- Conduct oral health surveys and research relevant to epidemiology, behavioral science, and preventive strategies.
- Analyze population-level dental data to guide policy recommendations and public health interventions.
- Serve in advisory roles on public health planning, dental service accessibility, and disease prevention strategies.
- Train allied dental personnel in community health education techniques.
- Engage in research, development, and innovation.
- Participate in multidisciplinary collaboration.

Limitations

- May not perform major surgical procedures independently.
- May not perform incisional or excisional biopsy, enucleation or marsupialization.
- May not perform gingival grafting directly.
- May not handle medically compromised patients for any procedures.



5. Dental Technology Specialist (M.Phil. Dental Materials)

Title and Credentialing

Holders of an MS or M.Phil. in Dental Technology are recognized as Dental Technology Specialists in Dental Materials.

Independence and Supervision

- Authorized to practice independently in clinical settings.
- Qualified to supervise clinical dental technicians and dental hygiene professionals.
- May consult with dentists, public health officials, and interdisciplinary healthcare teams.

Scope of Practice

- Perform advanced clinical procedures in relation to dental materials
- Provide conservative dental treatments for primary and permanent teeth.
- Perform routine extractions (exodontia), pulpotomies, and non-surgical periodontal therapy.
- Conduct oral examinations, diagnose common oral diseases, and create comprehensive treatment plans.
- Interpret intraoral and extraoral radiographs.
- Conduct minor oral surgeries like epulis and mucocele removal and suturing.
- Take impressions, record occlusal relationships, and fabricate prosthesis and orthodontic appliances (fixed and removable)
- Routine periodontal treatment.
- Prescribe preventive agents, like toothpaste, mouth rinses, varnishes, jells, solutions, and other fluoride containing topical agents.
- Veneers and esthetic restorations.
- 3D-printed and CAD-CAM Prostheses designing.
- Engage in research, development, and innovation.
- Participate in multidisciplinary collaboration.

Limitations

- May not perform major surgical procedures independently.
- May not perform incisional or excisional biopsy, enucleation or marsupialization.
- May not perform gingival grafting directly.
- May not handle medically compromised patients for any procedures.



6. Dental Technology Specialist (M.Phil. Oral Pathology)

Title and Credentialing

Holders of an MS or M.Phil. in Dental Technology are recognized as Dental Technology Specialists in Oral Pathology.

Independence and Supervision

- Authorized to practice independently in clinical settings.
- Qualified to supervise clinical dental technicians.
- May consult with dentists, public health officials, and interdisciplinary healthcare teams.
- **Scope of Practice**
 - Everything that a dental technologist dental hygienist can do.
 - Perform advanced clinical procedures in relation to Oral Pathology
 - Deliver primary and preventive oral healthcare services at community, clinical, and institutional levels.
 - Provide conservative dental treatments for primary and permanent teeth.
 - Perform routine extractions (exodontia), pulpotomies, and non-surgical periodontal therapy.
 - Conduct oral examinations, diagnose common oral diseases, and create comprehensive treatment plans.
 - Interpret intraoral and extraoral radiographs.
 - Prescribe preventive agents, like toothpaste, mouth rinses, varnishes, jells, solutions, and other fluoride containing topical agents.
 - Take impressions, record occlusal relationships, and fabricate prosthesis and orthodontic appliances (fixed and removable)
 - Design and implement community-based oral health promotion and oral pathology screening programs.
 - Conduct oral health surveys and research relevant to epidemiology, oral pathology, and preventive strategies.
 - Analyze population-level dental data to guide policy recommendations and public health interventions.
 - Serve in advisory roles on public health planning, dental service accessibility, and disease prevention strategies.
 - Train allied dental personnel in community health education techniques.
 - Engage in research, development, and innovation.
 - Participate in multidisciplinary collaboration.

Limitations

- May not perform major surgical procedures independently.
- May not perform incisional or excisional biopsy, enucleation or marsupialization.
- May not perform gingival grafting directly.
- May not handle medically compromised patients for any procedures.



7. Dental Technology Researcher / Specialist (Ph.D. Degree Holder)

Title and Credentialing

Ph.D. holders in Dental Technology may serve as academic researchers or advanced clinical experts.

Scope of Practice

- Engage in highly specialized clinical or lab procedure according to his specialty (community dentistry, oral pathology, dental material).
- Lead research, innovation, and scholarly publication.
- Serve in teaching and mentoring roles.

Clinical and Academic Excellence

- Ensure adherence to quality, regulatory, and ethical standards.
- Maintain rigorous documentation of clinical and research activities.
- Participate in patient-centered collaboration on complex cases.



References

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