

Job Description		الوصف الوظيفي
Job TITLE	EFFECTIVE DATE	REVISION DATE
Dental Technician		

Job Description	General Information
Job Title	Dental Technician
Practice Setting	Dental Clinic
Reporting to	Division Head of Dental Department
Responsibility Level	Non-Supervisory

#### Required Educational Qualification and experience

- **Required Educational Qualification**
  1. Accredited 4-Year Bachelor Degree in Applied Medical Science Institute or other recognized program providing an equivalent degree (Diploma for Dental Technician program)
  2. 1-year internship program in a recognized institute.
  3. Valid registration from SCHS as a registrar or senior registrar.
  4. Valid Basic Life Support certification
- **Required Work Experience**
  1. Minimum of two years of experience in a recognized institute.

#### Competencies and Skills

1	Demonstrate Leadership and administrative skills.
2	Fluent verbal and written English.
3	Exhibits professionalism and excellent interpersonal communication skills.
4	Is knowledgeable of the Saudi Medical By-laws.

Job Summary	Apply basic sciences knowledge regarding material science and understanding the standard measures of all lab related commitments including infection control and safety guidelines. Further, the ability to identify social, economic, environmental and emotional determinants in a given individual patient or a community for the purpose of planning and execution of community oral health surveys and programs
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### Roles and Responsibilities

1. All allied health professionals are legally and morally obliged to conduct their roles and responsibilities within the Ministry of Health at the Kingdom of Saudi Arabia laws and regulations and international professional associations applicable to their professions.
2. All Dental Technician must be able to:
  - 2.1. Maintain effective relationships with peers and respect professional boundaries.
  - 2.2. Respect patients' autonomy and right to make their own health decisions.
  - 2.3. Maintain patients' confidentiality at all time.
  - 2.4. Understand patients' differences and cultural values and treat them with respect regardless of their religion, gender, color, and ethnic background.
  - 2.5. Communicate with the treating dentists and respond to their requests
  - 2.6. Recognize communication barriers, and facilitate understanding of their oral health condition and options for care.
  - 2.7. Maintain accurate dental records and statistics and keeping up-to-date with dental technologies.
  - 2.8. Coordinate patient care within the healthcare system by collaborating with other healthcare professionals to ensure patient wellbeing and safety.
  - 2.9. Work effectively in multidisciplinary teams.
  - 2.10. Provide care that is evidence-based and reflective of best practices.
  - 2.11. Be engaged in a continuous learning and to sustain up to date in all aspects of the professional performance.
  - 2.12. Take an active role in teaching and assigning duties to the residents and trainees and participate in their evaluation, in terms of skills, knowledge, and behavior
  - 2.13. Participate in quality assurance, infection control, professional education of interested parties, postgraduate activities and any other assignment related to excellent activities and any other assignments related to excellent patient care and education. This includes grand rounds, bedside teaching sessions, clinical lectures demonstrations.
  - 2.14. Participate in the Major Disaster Plan of the facility as indicated.
  - 2.15. Provide administrative services and serving on committees within the department as needed.

### Areas of Competency

#### Dental Prosthetics

1. Creating various dental prosthetics, including crowns, bridges, dentures, and implant-supported restorations.
2. Working with different materials such as ceramics, metals, acrylics, and composites to accurately replicate the natural teeth and oral structures.

Dental Impressions	<ol style="list-style-type: none"> <li>1. May be involved in taking dental impressions or molds of patients' teeth and oral tissues to create custom-made restorations that fit precisely in the patient's mouth.</li> <li>2. Proper handling and pouring of the impression taken by the dentist to create models and casts.</li> </ol>
Restoration Fabrication	Using specialized tools and equipment to fabricate the requested dental restorations. This process involves shaping, waxing, casting, sintering, and finishing the prosthetics to achieve the desired aesthetics, function, and fit.
Shade Matching	Accurately matching the color and shade of dental restorations to the patient's natural teeth. This requires a keen eye for detail and an understanding of color theory.
Dental Appliance Fabrication, Repair and Modification	<ol style="list-style-type: none"> <li>1. Constructing, repairing and modifying existing dental appliances. This could include adjustments to the fit, replacing damaged parts, or adding extensions to an existing appliance.</li> <li>2. Selecting appropriate materials based on the prescription and patient's needs.</li> <li>3. Working with dentists to modify and improve the fit and function of dental devices</li> </ol>
Dental Technology	<ol style="list-style-type: none"> <li>1. Operating and maintaining dental laboratory equipment, including casting machine, polishing units and CAD/CAM technology.</li> <li>2. Utilizing computer software to design dental prosthetics e.g., 3D modeling software</li> </ol>
Quality Assurance	<ol style="list-style-type: none"> <li>1. Ensuring the quality and accuracy of the dental restorations and appliances you create.</li> <li>2. Adhering to strict quality control standards, following prescribed procedures, and maintaining accurate records.</li> </ol>
Other	<ol style="list-style-type: none"> <li>1. Maintaining a clean and organized work environment, adhering to infection control regulations</li> <li>2. Managing inventory of dental materials and supplies.</li> <li>3. Communicating effectively with dentists and dental hygienists to discuss cases and provide updates.</li> <li>4. Offer technical support and advice to dental professionals.</li> <li>5. Stay up-to-date with continuing education requirements and advancements in dental laboratory technology.</li> </ol>

Acknowledgement Name and Approval

Employee Name:  
Signature:  
Date:

Direct Supervisor Name:  
Signature:  
Date:

HR/ Authorized Representative  
Name:  
Signature:  
Date: