

Training Program for Dental Technician

Day 1: Advanced Dental Technology and Equipment Management

Morning Session: Technical Skills Overview

1. **Welcome and Program Overview (30 minutes)**
 - Introduction to training goals, schedule, and expectations.
 - Overview of the role and expanded responsibilities of a dental technician.
2. **Advanced Dental Laboratory Techniques (1.5 hours)**
 - Detailed procedures for creating and fitting dental prosthetics: crowns, bridges, dentures.
 - Hands-on practice with impression materials and techniques.
3. **Break (15 minutes)**
4. **Digital Dentistry and CAD/CAM Systems (1.5 hours)**
 - Introduction to digital impression systems and CAD/CAM technology.
 - Techniques for designing and fabricating restorations using CAD/CAM systems.
 - Hands-on practice with digital scanners and software.
5. **Break (15 minutes)**
6. **Creating and Adjusting Dental Restorations (1 hour)**
 - Techniques for creating custom dental restorations, including adjustments and fitting.
 - Hands-on practice with adjustments and fitting procedures.

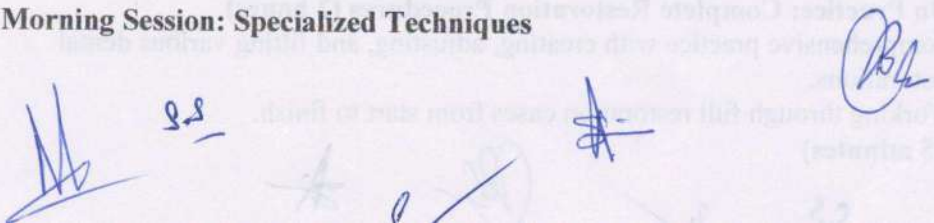
Lunch Break (1 hour)

Afternoon Session: Equipment Management and NABH Standards

1. **Introduction to Equipment Maintenance (1.5 hours)**
 - Routine maintenance procedures for dental equipment: cleaning, calibration, and troubleshooting.
 - Hands-on practice with maintenance tasks for various dental tools.
2. **Break (15 minutes)**
3. **Procurement and Inventory Management (1.5 hours)**
 - Basics of equipment procurement: vendor selection, negotiation, and warranties.
 - Inventory management principles: tracking, ordering, and storage.
 - Hands-on practice with inventory management software and tools.
4. **NABH Standards Overview (1 hour)**
 - Introduction to NABH (National Accreditation Board for Hospitals & Healthcare Providers) standards.
 - Key requirements relevant to dental technology and compliance.
 - Practical approaches for integrating NABH standards into daily practices.
5. **Q&A and Review (30 minutes)**
 - Addressing questions and summarizing the day's learning.

Day 2: Specialized Techniques and Quality Control

Morning Session: Specialized Techniques



1. **Review of Day 1 (30 minutes)**
 - Recap key points and skills from the previous day.
 - Addressing any questions or concerns.
2. **Implant Dentistry and Fabrication (1.5 hours)**
 - Techniques for creating implant-supported restorations.
 - Hands-on practice with implant models and fixtures.
3. **Break (15 minutes)**
4. **Orthodontic Appliances (1.5 hours)**
 - Overview of orthodontic appliances: braces, retainers, and aligners.
 - Techniques for fabricating and adjusting orthodontic appliances.
 - Hands-on practice with orthodontic appliances.
5. **Break (15 minutes)**
6. **Esthetic Enhancements and Customization (1 hour)**
 - Techniques for creating esthetically pleasing restorations and enhancements.
 - Customization techniques for improving the appearance of dental restorations.

Lunch Break (1 hour)

Afternoon Session: Quality Control and Compliance

1. **Quality Control in Dental Technology (1.5 hours)**
 - Techniques for ensuring quality and precision in dental restorations.
 - Methods for inspecting and verifying the accuracy of dental work.
 - Hands-on practice with quality control procedures.
2. **Break (15 minutes)**
3. **Troubleshooting and Problem Solving (1.5 hours)**
 - Identifying and addressing common issues in dental restorations and appliances.
 - Hands-on problem-solving with simulated scenarios.
4. **NABH Compliance in Dental Technology (1 hour)**
 - Implementing NABH standards in daily operations.
 - Practical exercises to develop compliance checklists and procedures.
5. **Debrief and Feedback (30 minutes)**
 - Summary of the day's activities.
 - Collecting feedback and addressing any concerns.

Day 3: Integration, Practical Skills, and Evaluation

Morning Session: Integration and Practical Skills

1. **Review of Day 2 (30 minutes)**
 - Quick review of previous day's topics and skills.
 - Preparation for practical skills assessment.
 2. **Hands-On Practice: Complete Restoration Procedures (2 hours)**
 - Comprehensive practice with creating, adjusting, and fitting various dental restorations.
 - Working through full restoration cases from start to finish.
 3. **Break (15 minutes)**
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4. **Advanced Techniques in Custom Appliance Fabrication (1.5 hours)**
 - Techniques for fabricating custom appliances for complex cases.
 - Hands-on practice with advanced appliance fabrication.
5. **Break (15 minutes)**
6. **Case Study Integration (1 hour)**
 - Working through complex case studies involving advanced dental technology.
 - Developing and presenting solutions based on case study scenarios.

Lunch Break (1 hour)

Afternoon Session: Evaluation and Certification

1. **Written Knowledge Test (1 hour)**
 - Test covering advanced dental technology, materials, and procedures.
2. **Practical Skills Assessment (1.5 hours)**
 - Evaluation of practical skills through individual assessments.
 - Demonstration and application of learned techniques in simulated scenarios.
3. **Break (15 minutes)**
4. **Certification and Closing Remarks (30 minutes)**
 - Awarding of certificates of completion.
 - Summary of training outcomes and guidance on continued professional development.
5. **Final Q&A and Closing (30 minutes)**
 - Addressing any final questions.
 - Providing additional resources and support information.

 S.J.





