



**M.C.E SOCIETY'S  
M.A.RANGOONWALA COLLEGE OF  
DENTAL SCIENCES AND RESEARCH  
CENTRE**

**CRITERIA 8.1.3  
RELEVANT RECORDS/  
DOCUMENTS**



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CENTRE**

**PROTOCOL FOR CENTRAL  
STERILIZATION**



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## **M.A. RANGOONWALA COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE, PUNE**

Recognized by Dental Council of India & Affiliated to M.U.H.S. Nashik

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### **CENTRAL STERILE SUPPLIES DEPARTMENT PROTOCOL FOR CENTRAL STERILIZATION**

**Objective:** To ensure the proper cleaning, sterilization, storage, and distribution of dental instruments, equipment, and materials within the dental college, ensuring the highest level of infection control and patient safety.

#### **1. Staff Responsibilities:**

- Designate a staff for central sterilization responsible for overseeing all operations.
- Appoint trained personnel for various CSSD activities such as cleaning, packaging, sterilization, and distribution.
- Conduct regular training and workshops to ensure staff competency.

#### **2. Incoming Supplies:**

- Receive supplies from authorized vendors.
- Check for package integrity, expiration dates, and batch numbers.
- Record received items in the inventory log.

#### **3. Cleaning and Decontamination:**

- Segregate instruments and equipment according to categories for effective cleaning.
- Disassemble instruments as needed for thorough cleaning.
- Clean using approved disinfectants, ultrasonic cleaners, and mechanical cleaning devices.
- Rinse and visually inspect items for cleanliness.

#### **4. Packaging and Preparation:**

- Ensure proper packaging materials and methods, adhering to sterilization guidelines.
- Label packages with sterilization indicators, instrument details, and expiry dates.
- Double-check packaging integrity to prevent contamination.

#### **5. Sterilization Process:**

- Select appropriate sterilization method (autoclaving, chemical vapor, dry heat, etc.).
- Load sterilizers following manufacturer's guidelines.
- Monitor temperature, pressure, and exposure time as per standard protocols.
- Record sterilization cycles in a log.

#### **6. Quality Control:**

- Perform biological and chemical indicators tests regularly.
- Maintain a log for each sterilizer's performance and results.

#### **7. Storage and Inventory Management:**

- Store sterilized items in designated areas with controlled environmental conditions.
- Rotate inventory to ensure usage of oldest items first.
- Maintain stock levels to meet departmental requirements.

#### **8. Distribution:**

- Prepare sterilized packages for distribution.
- Record distribution details including date, department/clinician, and items distributed.
- Ensure proper hand hygiene and gowning before handling sterile items.

#### **9. Waste Management:**

- Segregate and dispose of waste according to regulations.
- Keep waste disposal records and ensure proper documentation.

#### **10. Records and Documentation:**

- Maintain comprehensive records for each step of the CSSD process.
- Records should include cleaning, sterilization, distribution, and waste disposal details.

#### **11. Maintenance:**

- Schedule regular maintenance for sterilizers, ultrasonic cleaners, and other equipment.
- Keep maintenance records for each equipment.

#### **12. Emergency Situations:**

- Have contingency plans in place for equipment failures, power outages, and other emergencies.

#### **13. Continuous Improvement:**

- Conduct regular audits and inspections to identify areas for improvement.
- Stay updated with the latest infection control guidelines and technologies.

#### **14. Training and Education:**

- Provide ongoing training for staff regarding infection control practices, handling of instruments, and equipment maintenance.

#### **15. Reporting and Communication:**

- Establish communication channels for reporting issues, concerns, and suggestions.

By adhering to this protocol, M.A Rangoonwala College Of Dental Sciences and Research Centre ensures that the Central Sterile Supplies Department operates efficiently, following industry standards for infection control, patient safety, and quality assurance.



  
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**STERILIZATION PROTOCOL FOR  
INDIVIDUAL DENTAL DEPARTMENTS**



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### **STERILIZATION PROTOCOL FOR INDIVIDUAL DENTAL DEPARTMENTS**

#### **1. General Principles**

- **Infection Control Coordinator:** Each dental department designates an infection control coordinator responsible for overseeing sterilization procedures and compliance with the protocol.

#### **2. Instrument Handling and Segregation**

- **Sorting and Segregation:** Instruments are sorted and segregated based on type and size to facilitate efficient cleaning and sterilization.
- **Packaging:** Instruments are properly packaged in sterilization pouches or wraps suitable for the chosen sterilization method (e.g., autoclave, dry heat).

#### **3. Cleaning and Decontamination**

- **Pre-cleaning:** Instruments are manually cleaned or placed in automated cleaning equipment to remove debris and organic matter.
- **Ultrasonic Cleaning:** For certain instruments, ultrasonic cleaning may be used to enhance cleaning efficiency.

#### **4. Sterilization Methods**

- **Autoclaving:** Steam autoclaves are commonly used for instrument sterilization. Parameters such as temperature, pressure, and exposure time are strictly monitored and recorded.

- **Chemical Sterilization:** In some cases, chemical sterilants may be used for items that are heat-sensitive. These chemicals must be used according to manufacturer instructions.


## 6. Sterilization Records

- **Documentation:** Maintain comprehensive records for each sterilization cycle, including date, time, load contents, and the staff member responsible for the process.

## 7. Storage

- **Storage Conditions:** Sterilized instruments are stored in a clean, dry, and designated area. Storage conditions are monitored to prevent recontamination.



  
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**STANDARD OPERATING PROCEDURE  
FOR STERILIZATION OF INSTRUMENTS**

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### **STANDARD OPERATING PROCEDURE FOR STERILIZATION OF INSTRUMENTS**

**OBJECTIVE:** To establish a standardized and effective protocol for the sterilization of dental instruments at M.A. Rangoonwala Dental College, ensuring patient safety and compliance with infection control standards.

**SCOPE:** This procedure covers the sterilization process for dental instruments used in clinical procedures, laboratories, and other relevant areas within the dental college.

#### **RESPONSIBILITIES:**

##### **1. Infection Control Coordinator:**

- Oversee the implementation of the sterilization procedure.
- Ensure compliance with infection control guidelines.

##### **2. Clinical Staff:**

- Adhere strictly to the outlined sterilization protocols.
- Monitor and report any issues with sterilization equipment.

#### **FREQUENCY:**

##### **1. Continuous Sterilization:**

- Sterilize instruments before and after each patient use.
- Sterilize laboratory instruments after each use.

##### **2. Weekly Maintenance:**

- Conduct a weekly check of sterilization equipment and instruments.
- Perform routine maintenance and calibration of sterilizers.

#### **PROCEDURE:**

##### **1. Pre-Sterilization:**

- **Segregation:** Separate instruments based on type and usage.
- **Cleaning:** Remove visible debris and blood using a detergent solution.
- **Ultrasonic Cleaning:** For intricate instruments, use an ultrasonic cleaner.

##### **2. Packaging:**

- **Use Autoclave Bags:** Place cleaned instruments in autoclave bags.
- **Proper Sealing:** Seal bags securely, leaving adequate space for steam circulation.

### 3. Autoclaving:

- **Load Configuration:** Arrange instruments to allow proper steam penetration.
- **Temperature and Pressure Settings:** Set autoclave parameters according to instrument requirements.
- **Monitoring:** Regularly monitor autoclave gauges and indicators during the cycle.
- **Biological Indicators:** Use biological indicators weekly to validate autoclave efficiency.

### 4. Cooling:

- **Safe Handling:** Allow sterilized instruments to cool before handling.
- **Storage:** Store sterilized instruments in a designated, clean, and dry area.

### 5. Instrument Inspection:

- **Visual Inspection:** Check instruments for cleanliness and integrity.
- **Functional Inspection:** Ensure proper functioning of complex instruments.

### 6. Routine Maintenance:

- **Calibration:** Regularly calibrate autoclaves as per manufacturer guidelines.
- **Equipment Checks:** Perform routine checks on sterilization equipment.

### 7. Record Keeping:

- **Log Entries:** Maintain a log for each sterilization cycle, recording date, time, and staff initials.
- **Biological Indicator Records:** Keep records of weekly biological indicator tests.

## PRECAUTIONS:

### 1. Protective Measures:

- **Personal Protective Equipment (PPE):** Wear appropriate PPE during the handling of contaminated instruments.
- **Hand Hygiene:** Follow strict hand hygiene protocols.

### 2. Equipment Safety:

- **Regular Servicing:** Schedule regular servicing of sterilization equipment.
- **Emergency Procedures:** Establish protocols for addressing equipment malfunctions.

### 3. Waste Management:

- **Safe Disposal:** Dispose of contaminated materials in designated biohazard waste bins.

**DOCUMENTATION:** Maintain detailed records of sterilization processes, equipment maintenance, and staff training.



  
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**PERSONAL PROTECTIVE EQUIPMENT  
WHILE WORKING IN THE CLINIC**

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**RESEARCH CENTRE**

**PERSONAL PROTECTIVE EQUIPMENT**  
**WHILE WORKING IN THE CLINIC**

M.A. Rangoonwala Dental College prioritizes the safety of its dental professionals and patients. To maintain the highest standards of infection control, the college provides Personal Protective Equipment (PPE) kits to all dental professionals working in the clinic. These PPE kits include essential gear such as masks, gloves, gowns, and eye protection, ensuring a secure and hygienic environment for both staff and patients during dental procedures.

**STUDENTS WEARING PPE KITS**



  
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### **STANDARD OPERATING PROCEDURE**

#### **PERSONAL PROTECTIVE EQUIPMENT**

**SCOPE:** The scope of the WHO guidelines for donning and doffing PPE for healthcare professionals is to provide comprehensive and standardized procedures to ensure the safe and effective use of personal protective equipment during various healthcare activities. These guidelines aim to minimize the risk of infection transmission and enhance the overall safety of healthcare professionals and patients.

**PURPOSE:** The purpose of these guidelines is to establish a systematic and standardized approach to the correct donning (putting on) and doffing (taking off) of PPE. The guidelines are designed to reduce the risk of contamination, promote adherence to infection prevention protocols, and safeguard the well-being of healthcare workers. Proper use of PPE is crucial in preventing the transmission of infectious agents in healthcare settings, especially during outbreaks or pandemics.

#### **EQUIPMENT USED FOR PERSONAL PROTECTION :**

1. Gown
2. Mask
3. Protective Eyewear or Face Shield
4. Gloves
5. Hand Hygiene Supplies
6. Designated Waste Containers

#### **DONNING (PUTTING ON) PPE KIT:**

1. **Perform Hand Hygiene:**
  - Wash hands with soap and water for at least 20 seconds or use an alcohol-based hand sanitizer.
2. **Put on Gown:**
  - Ensure the gown covers the torso from the neck to the knees and wrists.
  - Fasten the gown securely in the back.
3. **Put on Mask:**

- Place the mask over your nose and mouth.
  - Secure it behind your head or ears, depending on the mask type.
4. **Wear Protective Eyewear or Face Shield:**
    - Put on protective eyewear or a face shield to cover your eyes and face fully.
  5. **Put on Gloves:**
    - Select the right size of gloves and ensure they cover the wrists.
  6. **Adjust and Perform a Final Check:**
    - Adjust the fit of the PPE to ensure complete coverage.
    - Check for any visible defects or misalignments.

#### **DOFFING (TAKING OFF) PPE KIT:**

1. **Glove Removal:**
  - Grasp the outside of one glove and peel it off, turning it inside out.
  - Hold the removed glove in the gloved hand.
  - Slide fingers under the remaining glove and remove it, turning it inside out.
  - Discard gloves in a proper waste container.
2. **Perform Hand Hygiene:**
  - Wash hands thoroughly with soap and water or use an alcohol-based hand sanitizer.
3. **Gown Removal:**
  - Unfasten the gown ties, avoiding contact with the front of the gown.
  - Remove the gown carefully, turning it inside out.
  - Discard the gown in a designated waste container.
4. **Mask Removal:**
  - Handle the mask by the ear loops or ties without touching the front.
  - Discard the mask in the appropriate waste container.
5. **Eyewear or Face Shield Removal:**
  - Remove protective eyewear or face shield by handling the earpieces or headband.
  - Avoid touching the front of the eyewear or shield.
  - Clean and disinfect reusable eyewear or face shield if applicable.
6. **Perform Final Hand Hygiene:**
  - Wash hands thoroughly with soap and water or use an alcohol-based hand sanitizer.



  
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**PATIENT SAFETY MANUAL**



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# **PATIENT SAFETY MANUAL**



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# INDEX

INTRODUCTION -----3

PATIENT- CENTERED CARE-----4-5

INFECTION CONTROL-----6-7

MEDICAL EMERGENCY-----8-9

CLINICAL PROCEDURES SAFETY-----10-11

MEDICATION SAFETY-----12-13

DOCUMENTATION-----14

PATIENT COMMUNICATION-----15-16

FALL PREVENTION-----17-18

EQUIPMENT SAFETY-----19-20

QUALITY IMPROVEMNET AND FEEDBACK-----21-22

ETHICS AND PROFESSIONALISM-----23-24

PATIENT INSTRUCTIONS-----25-28

CONCLUSION-----29

# INTRODUCTION

## Mission and Vision Statement

At M.A Rangoonwala Dental College, we are dedicated to advancing oral healthcare through education, research, and patient-centered practices. Our mission is to cultivate a community of dental professionals committed to providing exceptional and compassionate care, while our vision envisions a future where oral health contributes to the overall well-being of individuals and communities.

## Importance of Patient Safety

Patient safety is at the core of our values and principles. We recognize that a safe healthcare environment is paramount for optimal patient outcomes. The importance of patient safety at M.A Rangoonwala Dental College extends beyond clinical care to encompass all aspects of our operations, ensuring a holistic approach to promoting and maintaining the well-being of those we serve.

## Commitment to Excellence

Our commitment to excellence in patient safety is a fundamental aspect of our identity. We strive to exceed industry standards by fostering a culture of continuous improvement, innovation, and accountability. Every member of our dental community, from faculty to staff and students, plays a vital role in upholding this commitment and contributing to the overall success of our patient safety initiatives.

In this Patient Safety Manual, we outline the policies, procedures, and guidelines that define our commitment to patient safety. It serves as a comprehensive resource for all stakeholders, reinforcing our dedication to providing the highest quality of care in a safe and supportive environment. Together, we work towards achieving our mission, upholding our values, and ensuring that patient safety remains a top priority at M.A Rangoonwala Dental College.

# PATIENT-CENTERED CARE

## Patient Rights and Responsibilities

At M.A Rangoonwala Dental College, we are committed to upholding the rights and responsibilities of our patients to ensure a patient-centered approach to care. Recognizing and respecting these rights is fundamental to building trust and promoting a collaborative healthcare environment. Our patients have the right to:

**1. Quality Care:**

- Receive high-quality, evidence-based dental care tailored to their individual needs.

**2. Informed Consent:**

- Be informed about their diagnosis, treatment options, and potential risks and benefits.
- Provide or refuse consent for treatment after receiving adequate information.

**3. Privacy and Confidentiality:**

- Have their personal and health information treated with confidentiality and privacy.

**4. Respect and Dignity:**

- Be treated with respect, dignity, and cultural sensitivity, irrespective of background or beliefs.

**5. Participation in Care:**

- Participate in decisions about their care, including the choice of treatment options.

**6. Access to Information:**

- Access their medical records and receive information about their care in a clear and understandable manner.

**7. Safety:**

- Receive care in a safe and secure environment, free from harm.

Alongside these rights, patients also have responsibilities to ensure a collaborative and effective care partnership. Responsibilities include:

**1. Communication:**

- Communicate openly and honestly about their health, concerns, and expectations.

**2. Compliance:**

- Follow prescribed treatment plans and adhere to recommended health practices.

**3. Respect for Others:**

- Treat healthcare providers, staff, and fellow patients with respect.

**4. Timely Information:**

- Provide accurate and timely information about their health history and current conditions.

## Respectful Communication

We emphasize the importance of respectful communication as a cornerstone of patient-centered care. This involves:

**1. Clear and Understandable Communication:**

- Communicating in a manner that patients can comprehend, avoiding jargon or complex medical terms.

**2. Active Listening:**

- Actively listening to patients' concerns, preferences, and feedback.

**3. Empathy and Compassion:**

- Demonstrating empathy and compassion, acknowledging the emotional aspects of healthcare.

**4. Shared Decision-Making:**

- Engaging patients in shared decision-making processes, involving them in choices about their care.

## Cultural Sensitivity

Cultural sensitivity is integral to our commitment to patient-centered care. We recognize and respect the diverse backgrounds and beliefs of our patients. This involves:

**1. Understanding Diversity:**

- Acknowledging and valuing the diversity of cultures, languages, and customs within our patient population.

**2. Culturally Competent Care:**

- Providing care that is sensitive to cultural nuances and responsive to individual needs.

**3. Language Access:**

- Ensuring language access for patients with limited English proficiency, including the availability of interpreters.

By prioritizing patient rights, promoting respectful communication, and embracing cultural sensitivity, we aim to create a patient-centered environment at M.A Rangoonwala Dental College that enhances the overall patient experience and contributes to positive health outcomes.

# INFECTION CONTROL

## Hand Hygiene

**Importance of Hand Hygiene:** Hand hygiene is a fundamental practice in preventing the spread of infections. At M.A Rangoonwala Dental College, we prioritize thorough and regular hand hygiene to safeguard the well-being of our patients, staff, and community.

### Procedures:

#### 1. Handwashing:

- Wash hands with soap and water for at least 20 seconds.
- Perform handwashing:
  - Before and after patient contact.
  - Before and after glove use.
  - After touching potentially contaminated surfaces.

#### 2. Hand Sanitization:

- Use alcohol-based hand sanitizers when soap and water are not readily available.
- Ensure complete coverage of all hand surfaces during sanitization.

#### 3. Nail and Jewellery Guidelines:

- Keep nails short and clean to prevent harboring of pathogens.
- Minimize the use of jewelry, particularly rings, that may compromise effective hand hygiene.

## Personal Protective Equipment Sensitivity (PPE)

**Purpose of PPE:** Personal Protective Equipment (PPE) is essential for the protection of both healthcare providers and patients. Proper use of PPE reduces the risk of cross-contamination and enhances overall infection control.

### Guidelines:

#### 1. Glove Usage:

- Wear disposable gloves when anticipating contact with blood, body fluids, mucous membranes, or non-intact skin.
- Change gloves between patient interactions and perform hand hygiene afterward.

#### 2. Masks and Face Shields:

- Use masks and face shields during procedures that generate splashes or sprays.
- Replace masks if they become moist or damaged during use.

#### 3. Gowns and Protective Apparel:

- Wear gowns during procedures where contamination of clothing is likely.
- Remove gowns and other protective apparel before leaving patient care areas.

#### 4. Eye Protection:

- Use appropriate eye protection (goggles, face shields) when there is a risk of exposure to splashes or sprays.

#### 5. Proper Removal and Disposal:

- Follow proper procedures for the removal and disposal of PPE to prevent contamination.

## Disinfection and Sterilization

**Objective:** To maintain a clean and sterile environment, we adhere to rigorous disinfection and sterilization protocols for all dental instruments, equipment, and surfaces.

**Guidelines:**

**1. Surface Disinfection:**

- Use approved disinfectants to regularly clean and disinfect surfaces in clinical and non-clinical areas.
- Focus on high-touch surfaces such as doorknobs, light switches, and countertops.

**2. Instrument Disinfection:**

- Thoroughly clean instruments before sterilization.
- Use recommended disinfectants and follow manufacturer guidelines.

**3. Sterilization Procedures:**

- Choose the appropriate sterilization method (autoclaving, chemical vapor, dry heat) based on instrument compatibility.
- Monitor sterilization parameters (temperature, pressure, exposure time) according to standard protocols.

**4. Quality Control:**

- Conduct regular biological and chemical indicator tests to ensure the efficacy of sterilization processes.
- Maintain detailed logs for each sterilizer's performance and results.

By adhering to these infection control measures, M.A Rangoonwala Dental College ensures a safe and hygienic environment, fostering the well-being of our patients and the entire dental community.



# MEDICAL EMERGENCY

## Emergency Response Team

**Purpose:** Medical emergencies can occur unexpectedly, and a prompt and coordinated response is crucial for ensuring patient safety. At M.A Rangoonwala Dental College, we are committed to maintaining a state of readiness through the establishment of an effective Emergency Response Team.

### Roles and Responsibilities:

#### 1. Emergency Response Coordinator:

- Designate an Emergency Response Coordinator responsible for coordinating emergency response efforts.
- Ensure the Emergency Response Coordinator is well-trained and updated on emergency protocols.

#### 2. Emergency Response Team Members:

- Appoint trained healthcare providers, including dentists, nurses, and support staff, to form the Emergency Response Team.
- Conduct regular drills and training sessions to enhance team preparedness.

#### 3. Communication Protocols:

- Establish clear communication channels for the Emergency Response Team to ensure swift and efficient coordination.
- Conduct regular communication drills to test the effectiveness of emergency communication systems.

## First Aid Training

**Importance of First Aid:** First aid is a critical component of emergency preparedness, providing immediate care until professional medical assistance arrives. Our commitment to patient safety includes ensuring that members of our dental community are trained in basic first aid procedures.

### Training Guidelines:

#### 1. Basic Life Support (BLS):

- Provide BLS training for all members of the dental community.
- Emphasize the importance of early recognition of emergencies, initiation of CPR, and use of automated external defibrillators (AEDs).

#### 2. First Aid Kits:

- Ensure the availability of well-equipped first aid kits in strategic locations throughout the dental college.
- Regularly check and restock first aid kits to maintain readiness.

#### 3. Emergency Response Drills:

- Conduct periodic emergency response drills, including simulated scenarios that require first aid interventions.
- Evaluate and update first aid protocols based on lessons learned from drills.

## Medical Emergency Equipment

**Equipment Preparedness:** Having the appropriate medical emergency equipment readily available is essential for a timely and effective response to critical situations.

### Guidelines:

#### 1. Emergency Cart and Supplies:

- Maintain a fully stocked emergency cart with essential medications and supplies.
- Regularly check expiration dates and replace expired items promptly.

#### 2. Automated External Defibrillators (AEDs):

- Install AEDs in accessible locations.
- Ensure routine maintenance checks and staff training on AED usage.

#### 3. Oxygen Therapy Equipment:

- Have functional oxygen delivery systems with an adequate supply of oxygen cylinders.
- Train staff on the proper administration of oxygen.

#### 4. Emergency Medications:

- Maintain an inventory of emergency medications as per guidelines.
- Ensure secure storage and proper documentation of medication usage.

## Documentation and Reporting

### Documentation and Reporting:

#### 1. Incident Reporting:

- Establish a standardized process for reporting medical emergencies.
- Document the details of each incident, including actions taken and outcomes.

#### 2. Continuous Training:

- Provide ongoing training for the Emergency Response Team to stay current with the latest emergency protocols and procedures.
- Conduct regular reviews and updates to ensure alignment with best practices.

By prioritizing medical emergency preparedness, M.A Rangoonwala Dental College aims to create a safe and secure environment, minimizing the impact of unforeseen medical events and ensuring the well-being of patients and the dental community.

# CLINICAL PROCEDURES SAFETY

## Treatment Planning and Consent

**Patient-Centered Treatment Planning:** At M.A Rangoonwala Dental College, the safety of our patients is paramount in every clinical procedure. Treatment planning is a collaborative process involving the patient, dental professionals, and relevant specialists.

### Guidelines:

#### 1. Informed Consent:

- Obtain informed consent from patients before initiating any treatment.
- Clearly communicate the nature of the procedure, potential risks and benefits, alternatives, and expected outcomes.

#### 2. Treatment Documentation:

- Maintain comprehensive records of treatment plans, including details of proposed procedures and patient consent.
- Regularly update treatment plans based on evolving patient needs and outcomes.

#### 3. Patient Education:

- Provide patients with educational materials and explanations regarding their treatment options.
- Encourage questions and ensure patients have a clear understanding of their oral health situation.

## Radiology Safety

**Purpose of Radiology:** Radiology is an integral component of dental diagnosis and treatment planning. At M.A Rangoonwala Dental College, we prioritize the safety of patients and staff during radiological procedures.

### Radiation Safety Measures:

#### 1. ALARA Principle:

- Adhere to the ALARA (As Low As Reasonably Achievable) principle to minimize radiation exposure.
- Utilize appropriate shielding (lead aprons, thyroid collars) for patients and staff.

#### 2. Qualified Personnel:

- Ensure that only qualified and trained personnel operate radiological equipment.
- Regularly train staff on radiation safety protocols and updates.

#### 3. Dosage Monitoring:

- Regularly calibrate and monitor radiation equipment to ensure accurate dosage.
- Document radiation exposure for each patient in their records.

#### 4. Pregnancy Protocols:

- Implement specific protocols for pregnant patients to minimize fetal exposure.
- Clearly communicate the importance of informing the dental team about pregnancy.

## Instrument Sterilization

**Instrument Sterilization Protocols:** Maintaining a sterile environment for clinical procedures is essential to prevent infections and ensure patient safety. At M.A Rangoonwala Dental College, we have stringent protocols in place for instrument sterilization.

### Sterilization Guidelines:

#### 1. Pre-Cleaning:

- Thoroughly clean instruments before sterilization to remove debris and organic material.
- Use enzymatic cleaners and ultrasonic cleaning devices for effective pre-cleaning.

#### 2. Packaging:

- Ensure proper packaging of instruments using materials that maintain sterility until use.
- Label packages with sterilization indicators, instrument details, and expiry dates.

#### 3. Sterilization Methods:

- Select the appropriate sterilization method (autoclaving, chemical vapor, dry heat) based on instrument compatibility.
- Monitor sterilization parameters (temperature, pressure, exposure time) according to standard protocols.

#### 4. Quality Control:

- Regularly perform biological and chemical indicator tests to validate the efficacy of sterilization processes.
- Maintain detailed records of each sterilizer's performance and results.

#### 5. Storage and Distribution:

- Store sterilized instruments in designated areas with controlled environmental conditions.
- Rotate inventory to ensure the usage of the oldest items first.
- Record distribution details, including date, department/clinician, and items distributed.

By adhering to these clinical procedures safety measures, M.A Rangoonwala Dental College ensures a secure and hygienic environment, fostering optimal patient care and well-being.

# MEDICATION SAFETY

## Prescription Guidelines

### Prescription Guidelines

**Purpose:** Medication safety is a critical aspect of patient care at M.A Rangoonwala Dental College. Prescribing medications is a responsibility that demands precision, adherence to guidelines, and consideration of individual patient factors.

#### Guidelines:

##### 1. Qualified Prescribers:

- Only qualified healthcare providers are authorized to prescribe medications.
- Prescribers adhere to state regulations and licensing requirements.

##### 2. Complete Patient Information:

- Prescription includes complete patient information, such as name, date of birth, and medical history.
- Verify patient allergies and potential drug interactions before prescribing.

##### 3. Legibility and Clarity:

- Ensure prescriptions are legible and written in a clear and standardized format.
- Use electronic prescribing systems where feasible to minimize errors.

##### 4. Dosage and Administration Instructions:

- Clearly specify dosage instructions, frequency, and route of administration.
- Include instructions for special considerations, such as taking with food or avoiding certain activities.

##### 5. Patient Education:

- Provide patients with comprehensive information about prescribed medications, including potential side effects and what to do in case of adverse reactions.
- Encourage patients to ask questions and seek clarification about their medications.

## Proper Medication Administration

**Safe Medication Administration:** Administering medications safely is essential to prevent adverse reactions and optimize therapeutic outcomes for patients.

#### Administration Guidelines:

##### 1. Verification of Medication:

- Confirm patient identity before medication administration.
- Verify the medication against the prescription, checking for accuracy.

##### 2. Dosage Calculation:

- Double-check dosage calculations to prevent administration errors.
- Use standardized measurement units and devices for accuracy.

##### 3. Route of Administration:

- Administer medications through the prescribed route, ensuring alignment with patient needs and safety.
- Educate healthcare providers on proper administration techniques for different routes (oral, intramuscular, intravenous, etc.).

#### 4. **Patient Monitoring:**

- Monitor patients closely for any signs of adverse reactions during and after medication administration.
- Document the administration details and patient responses accurately.

## Allergies and Drug Interactions

**Identification and Prevention:** Recognizing and mitigating allergies and potential drug interactions is fundamental to medication safety.

### Guidelines:

#### 1. **Allergy Assessment:**

- Conduct thorough allergy assessments for every patient.
- Document known allergies and reactions in the patient's medical records.

#### 2. **Medication History:**

- Obtain a comprehensive medication history, including over-the-counter medications, supplements, and herbal remedies.
- Evaluate potential drug interactions based on the patient's medication profile.

#### 3. **Communication with Patients:**

- Encourage patients to communicate any known allergies or adverse reactions promptly.
- Advise patients to inform healthcare providers about all medications they are currently taking.

#### 4. **Interprofessional Communication:**

- Establish effective communication channels among healthcare providers to share information about patient allergies and potential drug interactions.
- Implement electronic health records to facilitate real-time access to patient medication history.

By strictly adhering to these medication safety guidelines, M.A Rangoonwala Dental College ensures that the prescribing, administration, and monitoring of medications align with the highest standards of patient safety, preventing adverse events and optimizing therapeutic outcomes.

# DOCUMENTATION

## Accurate Record Keeping

**Purpose:** Accurate and comprehensive documentation is a cornerstone of patient safety at M.A Rangoonwala Dental College. Detailed records provide a transparent and reliable account of patient care, contributing to optimal clinical decision-making and continuity of care.

### Documentation Guidelines:

#### 1. Patient Information:

- Record complete patient demographics, including name, date of birth, and contact information.
- Maintain updated and accurate health histories, including medications and allergies.

#### 2. Clinical Notes:

- Document detailed clinical notes for each patient encounter, outlining assessments, diagnoses, and treatment plans.
- Use standardized terminology and abbreviations to enhance clarity.

#### 3. Treatment Plans:

- Clearly outline treatment plans, including proposed procedures, timelines, and patient consent details.
- Document any modifications or adjustments to treatment plans as they occur.

#### 4. Medication Records:

- Maintain precise records of all prescribed medications, including dosage, administration routes, and patient responses.
- Include documentation of patient education regarding medications.

# PATIENT COMMUNICATION

## Effective Explanation Of Procedures

**Communication for Patient Understanding:** Clear and effective communication is crucial in ensuring that patients fully comprehend their dental procedures, contributing to informed decision-making and a sense of control over their healthcare experience.

### Communication Strategies:

#### 1. Plain Language:

- Use plain and understandable language when explaining procedures, avoiding technical jargon.
- Encourage patients to ask questions for clarification.

#### 2. Visual Aids:

- Utilize visual aids, such as diagrams or models, to enhance patient understanding.
- Provide educational materials that reinforce verbal explanations.

#### 3. Step-by-Step Overview:

- Provide a step-by-step overview of the planned procedure, highlighting key aspects.
- Allow time for patients to absorb information and ask questions at each stage.

#### 4. Two-Way Communication:

- Encourage patients to express their understanding and concerns.
- Foster an open dialogue to address any misconceptions or fears.

## Informed Consent Process

**Patient Empowerment through Informed Consent:** The informed consent process is a vital component of patient safety, empowering patients to make informed decisions about their treatment and ensuring transparency in healthcare delivery.

### Consent Guidelines:

#### 1. Clear Explanation:

- Clearly explain the nature of the proposed procedure, including its purpose, potential risks and benefits, and alternative options.
- Discuss potential complications and what to expect during and after the procedure.

#### 2. Patient Understanding:

- Confirm patient understanding by asking them to repeat key information in their own words.
- Address any questions or concerns raised by the patient.

#### 3. Documentation:

- Document the informed consent process in the patient's records, including details of the discussion and the signed consent form.
- Ensure that consent forms are standardized and comply with legal requirements.

#### 4. Revocable Consent:

- Communicate that consent is revocable at any time, emphasizing patient autonomy.



- Encourage patients to notify the healthcare team if they experience any changes in their preferences.

## Addressing Patient Concerns

**Open Communication for Patient Comfort:** Addressing patient concerns in a timely and empathetic manner is essential for fostering a trusting relationship and mitigating anxiety associated with dental procedures.

### Guidelines:

#### 1. Active Listening:

- Practice active listening when patients express concerns, allowing them to fully communicate their apprehensions.
- Demonstrate empathy and understanding during these conversations.

#### 2. Transparent Communication:

- Provide honest and transparent information about potential concerns, acknowledging uncertainties when necessary.
- Offer reassurance based on accurate and factual information.

#### 3. Timely Responses:

- Address patient concerns promptly, either during or after a procedure.
- Ensure that appropriate follow-up measures are in place to monitor and manage ongoing concerns.

#### 4. Patient Education:

- Educate patients about common concerns associated with dental procedures, alleviating anxieties through increased awareness.
- Provide resources or additional information to support patient understanding.

Effective patient communication is foundational to a positive healthcare experience. By prioritizing clear explanations, facilitating the informed consent process, and promptly addressing patient concerns, M.A Rangoonwala Dental College aims to create an environment where patients feel informed, supported, and confident in their dental care.

# FALL PREVENTION

## Ensuring Safe Patient Mobility

**Safety in Patient Movement:** Maintaining safe patient mobility is a crucial aspect of preventing falls within the dental care environment. At M.A Rangoonwala Dental College, we prioritize the well-being of our patients by implementing measures to ensure their safe movement within the dental facilities.

### Guidelines:

#### 1. Assistance and Support:

- Assess the mobility needs of each patient, providing assistance or support as required.
- Train staff on proper techniques for assisting patients with mobility challenges.

#### 2. Clear Pathways:

- Keep hallways, waiting areas, and treatment rooms clear of obstacles to facilitate safe patient movement.
- Ensure that equipment and cords are organized and do not pose tripping hazards.

#### 3. Accessible Facilities:

- Design treatment spaces to be accessible to patients with varying mobility levels.
- Install handrails and ramps where needed to aid safe movement.

#### 4. Patient Education:

- Educate patients about the importance of informing staff about any mobility concerns.
- Encourage patients to request assistance if they feel uncertain about their ability to move safely.

## Fall Risk Assessment

**Proactive Identification of Fall Risks:** Conducting fall risk assessments allows us to identify potential risks and implement preventive measures tailored to each patient's needs, reducing the likelihood of falls.

### Assessment Protocols:

#### 1. Comprehensive Patient Assessment:

- Conduct a comprehensive assessment of each patient upon admission to determine their fall risk.
- Consider factors such as age, medical history, medications, and mobility limitations.

#### 2. Standardized Tools:

- Utilize standardized fall risk assessment tools to systematically evaluate risk factors.
- Regularly update assessments based on changes in the patient's condition or treatment plan.

#### 3. Communication and Documentation:

- Communicate fall risk status clearly within the patient's records.

- Share relevant information with the dental team to ensure coordinated care.

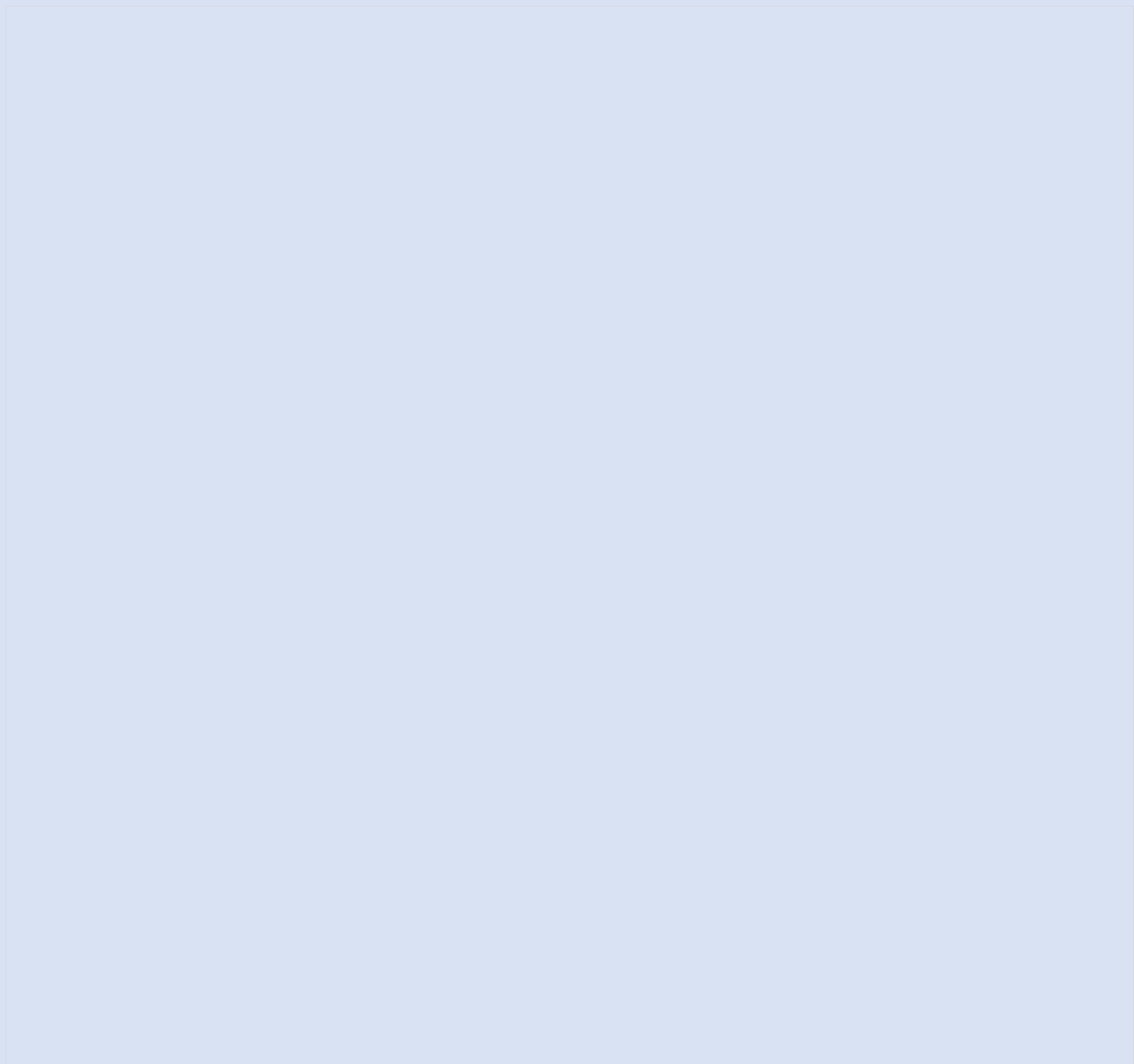
#### 4. **Individualized Care Plans:**

- Develop individualized care plans for patients identified as at risk for falls.
- Implement specific interventions, such as increased monitoring or additional assistance, based on the assessment findings.

#### 5. **Patient and Family Involvement:**

- Involve patients and their families in discussions about fall risk and prevention strategies.
- Provide educational materials on fall prevention for patients and their caregivers.

By prioritizing safe patient mobility and conducting proactive fall risk assessments, M.A Rangoonwala Dental College aims to create an environment that minimizes the risk of falls, ensuring the safety and well-being of our patients throughout their dental care journey.



# Equipment Safety

## Regular Equipment Maintenance

**Objective:** Ensuring the safety and reliability of dental equipment is paramount at M.A Rangoonwala Dental College. Regular maintenance practices are implemented to uphold the highest standards of patient care and safety.

### Maintenance Protocols:

#### 1. Scheduled Inspections:

- Establish a routine schedule for inspections and maintenance checks on all dental equipment.
- Assign qualified personnel or external service providers to conduct thorough examinations.

#### 2. Calibration and Testing:

- Calibrate equipment regularly to maintain accuracy and precision in diagnostic and treatment procedures.
- Conduct performance tests on instruments and devices to ensure they meet established standards.

#### 3. Records and Documentation:

- Maintain detailed records of equipment inspections, repairs, and maintenance activities.
- Document any issues identified during inspections and the actions taken to address them.

#### 4. Staff Training:

- Train staff on the proper use and care of dental equipment.
- Ensure that personnel are familiar with the signs of equipment malfunction and the appropriate steps to take.

#### 5. Emergency Protocols:

- Establish protocols for responding to equipment malfunctions or failures.
- Conduct drills to simulate emergency situations related to equipment issues.

## Proper Handling Of Dental Instruments

**Instrument Safety and Hygiene:** The proper handling of dental instruments is essential to prevent cross-contamination, ensure accurate diagnoses, and maintain a safe clinical environment.

### Handling Guidelines:

#### 1. Infection Control Measures:

- Adhere to strict infection control protocols when handling dental instruments.
- Sterilize instruments according to standardized procedures before each use.

#### 2. Proper Disassembly and Cleaning:

- Disassemble instruments as needed for thorough cleaning.
- Utilize recommended cleaning agents and methods to eliminate debris and contaminants.

**3. Instrument Storage:**

- Store instruments in designated, sterile areas to prevent contamination.
- Regularly check storage conditions to ensure a clean and organized environment.

**4. Regular Sharpening and Maintenance:**

- Schedule regular sharpening and maintenance of cutting instruments to ensure optimal performance.
- Replace instruments that show signs of wear or damage to maintain precision.

**5. Staff Training on Instrument Handling:**

- Provide ongoing training to dental staff on proper instrument handling techniques.
- Emphasize the importance of gentle handling to prolong the lifespan of instruments.

**6. Communication Regarding Damaged Instruments:**

- Establish a system for reporting and documenting damaged or malfunctioning instruments.
- Encourage open communication among staff to promptly address and replace damaged instruments.

By prioritizing regular equipment maintenance and emphasizing proper handling of dental instruments, M.A Rangoonwala Dental College aims to create a clinical environment that upholds the highest standards of safety, infection control, and quality in patient care.

# Quality Improvement and Feedback

## Patient Feedback Mechanisms

**Patient-Centric Improvement:** At M.A Rangoonwala Dental College, we recognize the valuable insights patients provide regarding their experiences. Patient feedback mechanisms are integral to our commitment to continuous improvement and the delivery of high-quality dental care.

### Feedback Channels:

#### 1. Surveys and Questionnaires:

- Administer patient satisfaction surveys to gather feedback on various aspects of their dental care experience.
- Include questions about communication, waiting times, staff interactions, and overall satisfaction.

#### 2. Feedback Forms:

- Provide accessible feedback forms within the dental facilities for patients to share their thoughts and experiences.
- Ensure anonymity to encourage honest and open feedback.

#### 3. Patient Interviews:

- Conduct periodic interviews with patients to gain in-depth insights into their perspectives.
- Explore areas for improvement and potential enhancements to the patient experience.

#### 4. Digital Platforms:

- Utilize digital platforms and online surveys to reach a broader patient population.
- Analyze feedback trends to identify recurring themes and opportunities for improvement.

## Regular Quality Audits

**Systematic Evaluation for Excellence:** Regular quality audits are conducted to assess and enhance the overall effectiveness of our dental care processes. These audits are instrumental in identifying areas for improvement and ensuring adherence to the highest standards of quality and safety.

### Audit Procedures:

#### 1. Clinical Process Audits:

- Regularly audit clinical processes, including treatment planning, infection control, and patient communication.
- Evaluate adherence to established protocols and identify opportunities for refinement.

#### 2. Documentation Audits:

- Review patient records and documentation to ensure accuracy, completeness, and compliance with regulatory standards.
- Identify any areas requiring additional training or process improvement.

### 3. Patient Safety Audits:

- Conduct systematic audits focused on patient safety measures, including fall prevention, infection control, and emergency response.
- Evaluate the effectiveness of implemented safety protocols.

### 4. Staff Competency Audits:

- Assess the competence of staff through regular audits of their training records and certifications.
- Identify opportunities for additional training and professional development.

### 5. Feedback Implementation:

- Integrate feedback from patient surveys and other sources into the audit process.
- Use patient feedback as a valuable source of information for identifying areas of improvement.

### Continuous Improvement Cycle:

- Establish a continuous improvement cycle based on audit findings.
- Implement corrective actions, monitor their effectiveness, and adjust processes accordingly.

By embracing patient feedback mechanisms and conducting regular quality audits, M.A Rangoonwala Dental College is dedicated to fostering a culture of continuous improvement, excellence, and responsiveness to the evolving needs and expectations of our patients.

# ETHICS AND PROFESSIONALISM

## Upholding Ethical Standards

**Foundations of Ethical Practice:** At M.A Rangoonwala Dental College, the practice of dentistry is rooted in unwavering ethical standards. Upholding these principles is fundamental to maintaining trust, integrity, and the highest quality of patient care.

### Ethical Guidelines:

#### 1. Informed Consent:

- Prioritize obtaining informed consent from patients before any treatment or procedure.
- Clearly communicate potential risks, benefits, and alternatives, ensuring patients can make autonomous decisions.

#### 2. Confidentiality:

- Safeguard patient confidentiality in accordance with legal and ethical standards.
- Restrict access to patient information to authorized personnel only.

#### 3. Professional Boundaries:

- Maintain professional boundaries with patients, respecting their dignity and autonomy.
- Avoid dual relationships that may compromise objectivity and professionalism.

#### 4. Honesty and Transparency:

- Foster a culture of honesty and transparency in all interactions with patients.
- Communicate openly about treatment options, prognosis, and any challenges that may arise.

#### 5. Conflict of Interest:

- Disclose any potential conflicts of interest that may impact patient care.
- Ensure that decisions are made in the best interest of the patient.

## Treating Patients With Respect

### Treating Patients with Respect

**Patient-Centered Care:** Respect is at the core of patient-centered care at M.A Rangoonwala Dental College. Every interaction is guided by a commitment to treating patients with dignity, empathy, and compassion.

### Respectful Practices:

#### 1. Communication Skills:

- Develop effective communication skills to convey information with clarity and sensitivity.
- Listen actively to patients' concerns and questions, demonstrating empathy.

#### 2. Cultural Competence:



- Cultivate cultural competence to understand and respect diverse backgrounds and beliefs.
- Adapt communication styles and care approaches to meet the unique needs of each patient.

### 3. Pain Management and Comfort:

- Prioritize pain management and patient comfort during procedures.
- Address and alleviate anxiety or concerns to enhance the overall patient experience.

### 4. Patient Empowerment:

- Empower patients to actively participate in their healthcare decisions.
- Encourage questions, provide educational materials, and involve patients in their treatment plans.

### 5. Timely and Responsive Care:

- Provide timely and responsive care, minimizing wait times and addressing patient needs promptly.
- Communicate effectively about any delays or changes in the treatment plan.

### Zero Tolerance for Discrimination:

- Uphold a zero-tolerance policy for discrimination or prejudice based on factors such as race, gender, religion, or socioeconomic status.
- Ensure that all patients are treated with equal respect and dignity.

By prioritizing the principles of ethics and professionalism, and by treating patients with the utmost respect, M.A Rangoonwala Dental College aims to create an environment where patients feel valued, supported, and confident in the ethical conduct of their dental care providers.

# PATIENT INSTRUCTIONS

Welcome to M.A Rangoonwala Dental College!

## 1. Appointment Guidelines:

- Schedule appointments in advance.
- Notify us if you need to reschedule or cancel.

## 2. Arrival and Check-In:

- Arrive on time for your appointments.
- Check in at the reception desk.

## 3. Personal Information:

- Update your contact and medical information.
- Keep your records current for accurate care.

## Infection Control:

- Wash hands or use sanitizer upon entering.
- Follow staff instructions for PPE.

## Preparation for Procedures:

- Follow fasting instructions, if any.
- Share your current medications.

## Treatment Discussions:

- Talk openly about your treatment plan.
- Ask questions if anything is unclear.

## Post-Treatment Care:

- Take prescribed medications as directed.
- Follow activity restrictions if advised.

## Follow-Up Appointments:

- Schedule and attend follow-ups.
- Communicate any concerns.

## Emergency Procedures:

- Keep emergency contacts handy.
- Call us for urgent dental issues.

Thank you for choosing M.A Rangoonwala Dental College! If you have questions, feel free to ask your dental provider or our staff. We're here to make your experience safe and comfortable.

## No Smoking in the Campus

### Creating a Smoke-Free Environment for Everyone's Well-Being

Welcome to M.A Rangoonwala Dental College, where we prioritize the health and well-being of our students, staff, and visitors. To maintain a clean and healthy environment, smoking is strictly prohibited on the campus premises.

#### Guidelines:

##### 1. Designated Smoking Areas:

- Smoking is only allowed in designated areas outside the campus boundaries.
- Use provided ashtrays for proper disposal of cigarette butts.

##### 2. Smoke-Free Zones:

- Maintain a smoke-free campus environment, including buildings, walkways, and common areas.
- Refrain from smoking near entrances and windows to prevent exposure to secondhand smoke.

##### 3. Compliance with Regulations:

- Adhere to local laws and college policies regarding smoking.
- Respect the well-being of others by refraining from smoking in prohibited areas.

##### 4. Promoting a Healthy Community:

- Encourage a culture of respect and consideration for non-smokers.
- Be mindful of the impact of smoking on the overall health and safety of the campus community.

#### Benefits of a Smoke-Free Campus:

##### 1. Healthier Environment:

- Reduce exposure to harmful chemicals associated with smoking.
- Promote cleaner air for everyone on campus.

##### 2. Positive Role Modeling:

- Set a positive example for peers and future healthcare professionals.
- Showcase a commitment to health and well-being.

##### 3. Enhanced Safety:

- Minimize the risk of fire hazards associated with smoking on campus.
- Create a safer environment for all members of the college community.

### **Reporting Violations:**

If you observe any violations of the no-smoking policy, please report them to the college authorities. We appreciate your cooperation in maintaining a healthy, smoke-free campus for everyone.

Thank you for your commitment to a safe and clean environment at M.A Rangoonwala Dental College. Together, we contribute to the well-being of our entire community.

### **Prohibited Items and Equipment on Campus**

#### **Ensuring Safety and Security for All**

Welcome to M.A Rangoonwala Dental College, where the safety and well-being of our community are paramount. To maintain a secure and conducive learning environment, certain items, materials, and equipment are prohibited on campus premises.

#### **Prohibited Items:**

##### **1. Weapons:**

- Possession of firearms, knives, or any other weapons is strictly prohibited.
- Report any concerns related to weapons to campus security.

##### **2. Illegal Substances:**

- The use, possession, or distribution of illegal drugs or substances is strictly forbidden.
- Violation of this policy will result in legal action and academic consequences.

##### **3. Alcohol:**

- Consumption of alcoholic beverages is not allowed on campus grounds.
- Attendees of campus events are expected to adhere to this policy.

##### **4. Explosives and Hazardous Materials:**

- Carrying or storing explosives, flammable materials, or hazardous substances is prohibited.
- Report any suspicious items to campus security immediately.

##### **5. Large Electronic Devices:**

- The use of large electronic devices, such as drones or unauthorized recording equipment, is restricted.
- Seek permission from relevant authorities for exceptions.

#### **Prohibited Materials:**

##### **1. Inflammatory Materials:**

- Distribution of materials that incite hatred, discrimination, or violence is not allowed.
- Promote a positive and inclusive environment.

## **2. Unauthorized Marketing or Solicitation Materials:**

- Displaying marketing materials or engaging in solicitation without permission is prohibited.
- Seek approval from the appropriate channels for promotional activities.

## **Prohibited Equipment:**

### **1. Hoverboards and Segways:**

- The use of hoverboards and Segways is prohibited on campus for safety reasons.
- Use alternative modes of transportation within campus limits.

### **2. Amplified Sound Equipment:**

- Using amplified sound equipment without authorization is not allowed.
- Respect quiet zones and the learning environment.

## **Reporting Violations:**

If you witness any violations or suspicious activities related to prohibited items, materials, or equipment, please report them to campus security immediately. Your cooperation helps maintain a secure and positive environment for everyone.

Thank you for your commitment to the safety and well-being of the M.A Rangoonwala Dental College community. By adhering to these guidelines, we create a campus that fosters learning, respect, and a sense of security for all.

## CONCLUSION

In concluding our Patient Safety Manual, we extend our gratitude to the entire community of M.A Rangoonwala Dental College for their commitment to ensuring the highest standards of safety and care. This manual serves as a comprehensive guide, outlining protocols, procedures, and guidelines that collectively contribute to a secure and patient-centered environment.

As a dental college dedicated to excellence, we recognize the profound importance of patient safety in every aspect of our operations. Our commitment extends beyond the clinical setting to encompass all facets of campus life, from infection control practices to ethical considerations and emergency preparedness.

By upholding the principles outlined in this manual, we not only comply with industry standards but also foster a culture of continuous improvement. Patient safety is a shared responsibility, and each member of our community plays a crucial role in upholding the values of respect, integrity, and professionalism.

We encourage everyone to familiarize themselves with the contents of this manual, actively participate in training and educational opportunities, and embrace a proactive approach to safety. Through collaboration, open communication, and a commitment to learning from experiences, we aim to continually enhance the quality of care provided at M.A Rangoonwala Dental College.

Remember, patient safety is not just a protocol; it is a reflection of our dedication to the well-being of those we serve. Together, we create an environment where patients feel confident, respected, and assured that their safety is our top priority.

Thank you for your dedication to patient safety, and let us continue working together to maintain the highest standards of care and uphold the principles that define M.A Rangoonwala Dental College.



**M.C.E SOCIETY'S  
M.A.RANGOONWALA COLLEGE OF  
DENTAL SCIENCES AND RESEARCH  
CENTRE**

**PERIODIC DISINFECTION  
OF ALL CLINICAL AREAS**



*M.C.E. Society's*

## **M.A. RANGOONWALA COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE, PUNE**

Recognized by Dental Council of India & Affiliated to M.U.H.S. Nashik

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### **PROTOCOL FOR PERIODIC DISINFECTION OF ALL CLINICAL AREAS**

The fumigation protocol at M.A. Rangoonwala Dental College is a meticulous and essential process designed to ensure a safe and sanitary environment within the dental facilities. This protocol involves the following key steps:

1. **Scheduling and Planning:** Fumigation activities are scheduled at regular intervals to prevent the build-up of pests and to coincide with periods when the college is less active to minimize disruption. Detailed planning includes specifying the areas to be fumigated.
2. **Preparation:** Prior to fumigation, all areas to be treated are thoroughly inspected to identify potential pest harbour areas. Any food items, sensitive equipment, or materials that may be adversely affected by the fumigants are securely stored or removed from the premises.
3. **Selection of Fumigants:** The choice of fumigants is made based on the type of pests present and the specific requirements of each area. All selected fumigants are approved and safe for use within dental facilities.
4. **Application:** Highly trained and certified professionals carry out the fumigation process. They ensure that the fumigants are applied in a manner that maximizes their effectiveness while adhering to safety guidelines. Proper sealing of treated areas is crucial to contain the fumigants.
5. **Safety Measures:** During fumigation, strict safety measures are enforced to protect both human health and the environment. All treated areas are cordoned off and clearly marked as restricted zones. Adequate ventilation is provided to clear residual fumigants after the process is completed.



6. **Monitoring:** Continuous monitoring of the fumigation process is conducted to ensure its efficacy. This includes the use of specialized equipment to measure fumigant concentrations and confirm that they fall within safe limits before allowing re-entry.
7. **Post-Fumigation Inspection:** After fumigation, a thorough inspection is carried out to confirm the absence of pests and to ensure that the environment is safe for regular activities to resume.
8. **Documentation:** Comprehensive records of each fumigation event, including the type of fumigant used, areas treated, safety measures, and results of post-fumigation inspections, are meticulously documented and maintained.
9. **Communication:** Clear communication is maintained with faculty, staff, and students to inform them about scheduled fumigation activities, safety precautions, and any temporary disruptions.
10. **Compliance:** The fumigation protocol is developed in compliance with all relevant regulations and guidelines to guarantee the safety and well-being of everyone within the dental college.

By adhering to this fumigation protocol, M.A. Rangoonwala Dental College ensures a pest-free and safe environment for both learning and patient care, contributing to the overall hygiene and integrity of the institution.



  
Dr. Ramandeep Dugal  
**PRINCIPAL**  
Principal  
M. A. RANGOONWALA COLLEGE OF DENTAL  
SCIENCES & RESEARCH CENTRE, PUNE



*M.C.E. Society's*

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### **STANDARD OPERATING PROCEDURE**

#### **DISINFECTION, PEST CONTROL, AND FUMIGATION IN DENTAL CLINICAL**

**OBJECTIVE:** To establish a comprehensive and integrated protocol for the disinfection of surfaces and equipment, coupled with regular pest control measures, including fumigation, in all dental clinical areas of M.A. Rangoonwala Dental College. This aims to maintain a hygienic and safe environment for patients, staff, and visitors.

**SCOPE:** This protocol encompasses procedures for disinfection, pest control, and periodic fumigation in dental treatment rooms, waiting areas, common spaces, and associated facilities.

#### **RESPONSIBILITIES:**

##### **1. Infection Control Coordinator :**

- Coordinate disinfection, pest control, and fumigation activities.
- Monitor the effectiveness of the integrated protocol.

##### **2. Clinical Staff:**

- Adhere strictly to the outlined procedures for disinfection, pest control, and fumigation.
- Report any signs of pest activity promptly.

#### **FREQUENCY:**

##### **1. High-Touch Surfaces Disinfection:**

- Before and after each patient interaction.

##### **2. Daily Disinfection:**

- Floors, walls, and other surfaces at the end of each working day.

##### **3. Regular Pest Control:**

- Conduct pest control activities quarterly, following established guidelines.

##### **4. Periodic Fumigation:**

- Schedule fumigation sessions semi-annually, especially during breaks or low-activity periods.

## **PROCEDURE:**

### **1. Preparation:**

- Wear appropriate personal protective equipment (PPE).
- Ensure availability of approved disinfectants, pest control substances, and fumigants.

### **2. Cleaning and Disinfection:**

- Remove visible debris and clean surfaces using approved cleaning solutions.
- Apply disinfectant thoroughly, adhering to contact time recommendations.

### **3. Pest Control:**

- Contract with a licensed pest control service provider.
- Schedule quarterly visits for pest inspection and control.

### **4. Fumigation:**

- Engage professional fumigators for the periodic release of fumigants.
- Ensure proper sealing of the area during fumigation sessions.
- Follow safety guidelines for staff and patients during and after fumigation.

### **5. High-Risk Areas:**

- Pay extra attention to high-risk areas prone to pest activity during disinfection.

### **6. Equipment Disinfection:**

- Follow manufacturer guidelines for disinfection of instruments and equipment.
- Ensure instruments are stored in pest-resistant conditions.

### **7. Patient Chairs and Units:**

- Thoroughly disinfect dental chairs and units, focusing on areas vulnerable to pest intrusion.

### **8. Waiting Area and Common Spaces:**

- Disinfect and clean chairs, tables, and reception counters daily.
- Collaborate with pest control for treating common spaces.

### **9. Floor Maintenance:**

- Use pest-resistant flooring materials where applicable.
- Disinfect and clean floors daily.

### **10. Waste Management:**

- Securely dispose of waste in designated containers.
- Regularly empty waste bins to minimize pest attraction.

## PRECAUTIONS:

### 1. **Personnel Safety:**

- Staff involved in disinfection, pest control, and fumigation must wear appropriate PPE.
- Strict adherence to safety guidelines during fumigation to prevent exposure.

### 2. **Patient Awareness:**

- Display clear notices informing patients about ongoing disinfection, pest control, and fumigation activities.
- Ensure patients understand safety measures and potential inconveniences.

### 3. **Ventilation:**

- Adequate ventilation during and after fumigation sessions to disperse fumes safely.

### 4. **Post-Fumigation Clearance:**

- Conduct thorough checks after fumigation to ensure the area is safe for re-entry.
- Display clearance notices once the area is deemed safe.

### 5. **Educational Campaigns:**

- Conduct awareness campaigns among staff and patients regarding the importance of integrated protocols for infection control, pest management, and fumigation.



  
DR. RAMANDEEP DUGAL  
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**M.C.E SOCIETY'S  
M.A.RANGOONWALA COLLEGE OF  
DENTAL SCIENCES AND RESEARCH  
CENTRE**

**IMMUNIZATION PROTOCOL AND  
POLICY FOR ALL CARE-GIVERS**



*M.C.E. Society's*

## **M.A. RANGOONWALA COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE, PUNE**

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### **PROTOCOL FOR IMMUNIZATION OF CAREGIVERS HEPATITIS B**

**OBJECTIVE:** Our paramount objective is to ensure the safety and well-being of both our cherished patients and dedicated caregivers. To achieve this, we have established a comprehensive immunization protocol at M.A. Rangoonwala Dental College.

**SCOPE:** This protocol is a vital safeguard that applies to every individual providing care within the esteemed premises of our dental college. This includes our esteemed faculty, dedicated staff, ambitious students, and visiting clinicians.

#### **PROTOCOL**

##### **1. Vaccination Review and Consultation**

- Every caregiver is required to undergo a comprehensive vaccination review conducted by our proficient healthcare unit.
- Our healthcare professionals, who are experts in their field, will meticulously assess each individual's vaccination history and provide personalized recommendations for necessary immunizations.

##### **2. Required Immunizations**

- Following the vaccination review, caregivers will receive personalized guidance on the specific immunizations required based on their vaccination history and individual risk assessment.
- This includes core vaccinations such as influenza, tetanus, diphtheria, pertussis (Tdap), and most crucially, the hepatitis B vaccine.

##### **3. Vaccination Schedule**

- We are committed to your health and safety. Our healthcare unit will provide each caregiver with a meticulously planned vaccination schedule.
- We kindly request each caregiver to adhere to this schedule to ensure the timely completion of the required immunizations.

#### **4. Documentation:**

- In our pursuit of safety, caregivers are expected to provide thorough documentation of their current immunization status.
- Our healthcare unit will diligently maintain confidential and secure immunization records for each caregiver, ensuring complete privacy.

#### **5. Vaccination Administration:**

- Your health is our priority. Therefore, our college's healthcare unit will efficiently organize vaccination clinics exclusively for caregivers.
- Vaccinations will be administered by qualified healthcare professionals to guarantee the highest standard of care.

#### **6. Education and Awareness:**

- We firmly believe that knowledge is the foundation of good health. Caregivers will receive comprehensive education about the pivotal role of immunization in preventing communicable diseases.
- Our informative sessions will cover details about each vaccine, their associated benefits, and potential side effects, allowing caregivers to make informed decisions.

#### **7. Regular Updates:**

- The world of healthcare is ever-evolving. To ensure that our caregivers stay up-to-date, we will provide regular updates about new vaccines and any changes to the immunization schedule.

#### **8. Incentives and Support:**

- We value your dedication to the health and well-being of our community. To show our appreciation, the college may offer incentives and support to caregivers who wholeheartedly participate in our immunization program.

#### **9. Monitoring and Evaluation:**

- Continuous monitoring and evaluation are the cornerstones of our commitment to your safety. Our healthcare unit will meticulously monitor the immunization coverage among caregivers.
- Regular evaluations will allow us to gauge the effectiveness of this immunization protocol and make necessary adjustments as needed.

## 10. Reporting Adverse Reactions:

- Your well-being is our priority. Caregivers are encouraged to promptly report any adverse reactions following immunization to our dedicated healthcare unit.

## 11. Compliance:

- To ensure the health and safety of all, we kindly request that all caregivers strictly comply with this immunization protocol. Non-compliance may result in restricted access to clinical areas for the well-being of our patients and caregivers.
- By adhering to this robust immunization protocol, we collectively contribute to a healthier and safer environment within the M.A. Rangoonwala Dental College, ensuring the well-being of all who are part of our cherished community.



A handwritten signature in blue ink, appearing to be "A.R.", written over a faint grid.

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### **IMMUNIZATION POLICIES FOR HEPATITIS B**

#### **1. Target Population:**

- These policies encompass all healthcare professionals (HCPs), including dental students, teaching and non-teaching staff, who are at risk of exposure to blood and body fluids in healthcare settings.

#### **2. Vaccination Timing:**

- We advocate for early hepatitis B vaccination in the healthcare career, ideally during training or before any direct patient contact.
- Dental students, teaching and non-teaching staff should receive the vaccine upon entering the dental workforce, securing their health and safety from the outset.

#### **3. Vaccine Administration:**

- Our protocol strongly encourages the intramuscular administration of the hepatitis B vaccine, typically in the deltoid muscle.
- The standard vaccination comprises a three-dose series to provide complete protection.

#### **4. Pre-Vaccination Serologic Screening:**

- For your safety, our institution insists on comprehensive serologic screening for all individuals receiving the hepatitis B vaccine.

## **5. Post-Exposure Prophylaxis (PEP):**

- We are dedicated to your safety and preparedness. We ensure that all HCPs, including dental staff and students, are well-informed about and ready to implement PEP measures.
- PEP, involving hepatitis B immune globulin (HBIG) and/or the vaccine, is to be administered without delay after any known or suspected percutaneous or mucous membrane exposure to blood or infectious materials.

## **6. Needle-stick and Occupational Exposures:**

- In the event of needlestick injuries or percutaneous incidents, unvaccinated HCPs, including dental personnel, must initiate the hepatitis B vaccine series.
- PEP decisions following exposure to blood or infectious materials should be based on the source's HBsAg status and the exposed individual's vaccination history.

## **7. Timeliness of PEP:**

- We emphasize the urgency of PEP measures. HBIG, particularly, should be administered as soon as possible post-exposure, preferably within 24 hours.
- Effectiveness of HBIG after more than 7 days post-exposure is uncertain, reinforcing the importance of immediate action.

## **8. Vaccine Responders:**

- HCPs who achieve an adequate antibody response (typically  $\geq 10$  mIU/ml) after completing the vaccine series require no further testing or treatment.
- In some cases, a vaccine-booster dose may be considered, underscoring our commitment to your health.

## **9. Ongoing Monitoring:**

- HCPs with continual exposure risk, including needlestick incidents, should undergo anti- HBs testing 1 to 2 months after completing the vaccine series, ensuring your ongoing safety.

## 10. Non-Responders:

- Those who do not respond to the initial vaccine series have options. They may receive a second three-dose vaccine series or be evaluated for HBsAg positivity.
- HBsAg-negative primary non-responders should be considered susceptible to HBV infection and will be provided with suitable counseling.

## 11. No Routine Booster Doses:

- We emphasize that routine hepatitis B vaccine booster doses are generally not recommended for HCPs.
- Periodic serologic testing to monitor antibody levels after completing the vaccine series is typically unnecessary, allowing you to focus on providing the best care.

## 12. Compliance and Education:

- We prioritize compliance with vaccination policies and education of HCPs on the importance of hepatitis B immunization, PEP, and the prompt reporting of exposures.
- By staying informed and compliant, we collectively create a safer healthcare environment.

In conclusion, these immunization policies are dedicated to your health and safety. Early hepatitis B vaccination, awareness of PEP measures, and ongoing monitoring.



A handwritten signature in blue ink, appearing to read "M. A. Rangoonwala".

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REF NO :- MARDC/ADM/2022

DATE :- 22/06/2022

**NOTICE**

All the students of 1<sup>st</sup> BDS & 1<sup>st</sup> & 2<sup>nd</sup> year MDS are hereby informed that Department of Oral Pathology & Microbiology in association with Waterley Pharmaceuticals is conducting a Hepatitis Vaccination programme.

As a part of this vaccination drive and interactive session titled

“A to Z about Hepatitis”

By Dr. Ksheetij Kothari, DM Gastroenterology, Consultant at Vishwaraj Hospital, Pune had been planned on

Date & Day: 27/06/22, Monday

Time: 10:30 am – 11:30 am – 1<sup>st</sup> BDS & part – 1 MDS students

Venue: Lecture Hall No 204

All the concerned departments are requested to relieve the said batch of students. Attendance is compulsory and will be marked and sent to respective departments.



  
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REF NO :- MARDC/ADM/2022

DATE :- 24/06/2022

### **NOTICE**

This is to inform that a guest lecture on Hepatitis awareness is scheduled on 27/06/2022, Monday at 10:00 am for 1<sup>st</sup> BDS students. For this purpose, all students of 1<sup>st</sup> BDS should be relieved by 10:00 am from their class.



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REF NO :- MARDC/ADM/2022

DATE :- 24/06/2022

**NOTICE**

This is to inform all HOS's / incharges of 1<sup>st</sup> BDS and students of 1<sup>st</sup> BDS that the first round of Hepatitis B vaccination which was scheduled on 28/06/2022 has been postponed, new dates will be announced soon. All the classes should continue according to the time table.



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REF NO :- MARDC/ADM/2022

DATE :- 06/07/2022

**NOTICE**

This is to inform all HOD's / incharges, and students of 1<sup>st</sup> & 2<sup>nd</sup> BDS that the first round of Hepatitis B vaccination is scheduled on 19/07/2022.

The details are as follows –

1<sup>st</sup> BDS

Time: - 10:30 am to 12:30 pm

2<sup>nd</sup> BDS

Time: - 12:30 pm to 1:30 pm

Venue: - Oral pathology practical hall.



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REF NO :- MARDC/ADM/2022

DATE :- 18/07/2022

**NOTICE**

This is to remind all HOD's / incharges, and students of 1<sup>st</sup> & 2<sup>nd</sup> BS that the first round of Hepatitis B vaccination is scheduled on 19/07/2022.

The details are as follows –

1<sup>st</sup> BDS

Time :- 10:30 am to 12:30 pm

2<sup>nd</sup> BDS

Time :- 12:30 pm to 1:30 pm

Venue :- Oral pathology practical hall.

Kindly relieve that students of 1<sup>st</sup> BDS by 10:30 am & 2<sup>nd</sup> BDS by 12:30 pm. Attendance shall be marked and sent to the respective departments.



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REF NO :- MARDC/ADM/2022

DATE :- 18/07/2022

### **NOTICE**

Attention for all the students of 1<sup>st</sup> and 2<sup>nd</sup> year MDS at MARDC.

Considering Hepatitis B as a major occupational hazard for all health care workers it is mandatory to be vaccinated against Hepatitis B.

All students of 1<sup>st</sup> and 2<sup>nd</sup> BDS, 1<sup>st</sup> and 2<sup>nd</sup> year MDS are hereby informed that Department of Oral Pathology & Microbiology in association with Waterley Pharmaceuticals is conducting a Hepatitis vaccination programme.

As a part of this vaccination drive and interactive session titled

“A to Z about Hepatitis”

By Dr. Ksheetij Kothari, DM Gastroenterology, Consultant at Vishwaraj Hospital, Pune had been planned on

Date & Day: 27/06/22, Monday

Time: 10:30 am – 11:30 am – 1<sup>st</sup> BDS & part – 1 MDS students

Venue: Lecture Hall No 204

All the concerned departments are requested to relieve the said batch of students. Attendance is compulsory and will be marked and sent to respective departments.

The details of vaccination are as follows:

Date & Day: 28/06/2022, Tuesday

Time: 10:00 am – 12:00 Noon – 1<sup>st</sup> BDS & part – 1 MDS students

12:00 Noon – 2:00 pm – 2<sup>nd</sup> BDS & part – 2 MDS students

Venue: Lecture Hall No.204

- A consent/waiver form is mandatory for all to be filled.
- The cost of the vaccination i.e. for 3 dosages (0,1 & 6 months) & screening for Hepatitis is Rs.250/- only.
- The payment has to be done in advance.
- For payment, kindly contact Mr. Rizwan – Technician, Department of Oral Pathology & Microbiology.



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REF NO:- MARDC/ADM/2022

DATE :- 12/10/2022

**NOTICE**

This is to inform all the participants of Hepatitis B vaccination programme that the **THIRD (FINAL) ROUND** for the vaccination is scheduled on

17<sup>th</sup> October,2022 i.e. Monday.

All to note and comply.

Time: -

1<sup>st</sup> BDS - 10:30 am – 12:00 Noon.

2<sup>nd</sup> BDS & Others – 12 Noon – 1:30 pm

Venue – Room no 204



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### **REPORT OF HEPATITIS B VACCINATION PROGRAMME, 2022**

As every year, this year too, mass Hepatitis B vaccination drive was organized by the Department of Oral Pathology and Microbiology in association with Waterley Pharmaceuticals for staff and students of M. A. Rangoonwala College of Dental Sciences and Research Centre, Pune.

As part of this vaccination drive an awareness lecture for the need of vaccination was organized at the institute on 27/06/2022. Renowned Gastroenterologist Dr. Ksheetij Kothari was invited and an interactive session for staff and students was conducted where all the facts, issues and concerns regarding the vaccine and vaccination procedure were discussed and doubts were cleared.

Following the lecture, Hepatitis B vaccination drive was conducted 1<sup>st</sup> round – 19/07/2022, 2<sup>nd</sup> round – 07/09/2022 and 3<sup>rd</sup> round – 07/11/2022 respectively as part of 0,1 & 2 month protocol of rapid vaccination.

A total of 157 participants for the year 2022 which included students of 1<sup>st</sup> BDS, 2<sup>nd</sup> BDS & MDS students, teaching & non-teaching staff. A total amount of Rs. 39,250/- was collected and submitted to the account section.

In the year 2018 a similar vaccination programme for staff and students of M. A. Rangoonwala College of Dental Sciences and Research Centre, Pune was organized where a target of 450 successful Hepatitis B vaccination was achieved. A successful vaccination of 117 staff & students of the institute was conducted for the year 2019.

We, the Department of Oral Pathology and Microbiology hopes & wishes to continue this vaccination programme every year for the newly admitted batch of students. Thereby we aim to achieve maximum (100% immunization against Hepatitis B virus for the staff (Teaching & Non-teaching) and students.



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**PROTOCOL FOR NEEDLE STICK INJURY  
MANAGEMENT**



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### **PROTOCOL FOR NEEDLE STICK INJURY MANAGEMENT**

**Objective:** To establish a systematic protocol for the prompt and effective management of needle stick injuries in all departments of M.A. Rangoonwala Dental College, ensuring the safety and well-being of staff members.

**Scope:** This protocol is applicable to all faculty, staff, and students working within the dental college premises.

#### **Protocol:**

##### **1. Prevention:**

- Emphasize the importance of safe injection practices and proper handling of sharps to all staff members.
- Provide training and education on needle stick injury prevention and proper disposal of sharps.

##### **2. Immediate Response:**

- If a needle stick injury occurs, the individual must take immediate action.
- Wash the affected area with soap and water thoroughly.
- Encourage bleeding by gently squeezing the wound to help expel potentially contaminated blood.

##### **3. Report Incident:**

- Notify the department head or supervisor about the injury immediately.
- Provide details about the source patient (if known) and the circumstances of the injury.

##### **4. Source Patient Testing:**

- Work with the healthcare unit to identify the source patient (if possible).
- Request consent from the source patient for necessary blood tests (HIV, HBV, HCV, etc.).

##### **5. First Aid and Post-Exposure Prophylaxis (PEP):**

- Based on the risk assessment, the healthcare unit will determine if PEP is necessary.
- PEP will be initiated as recommended by current medical guidelines.

##### **6. Documentation:**

- Maintain accurate and confidential records of the incident, injury details, and follow-up actions taken.

##### **7. Counseling and Support:**

- Provide emotional support to the injured individual.

- Offer counseling and education about potential risks and the importance of follow-up care.
8. **Follow-Up Care:**
- Follow the prescribed schedule for medical follow-up appointments.
  - Monitor and document the individual's health status and any potential signs of infection.
9. **Reporting and Review:**
- All needle stick injuries must be reported to the college's healthcare unit for review and analysis.
  - Regularly review and update the protocol to ensure its effectiveness.
10. **Training and Education:**
- Conduct regular training sessions on needle stick injury prevention and management.
  - Ensure all staff members are aware of the protocol and their responsibilities.

**Compliance:** All faculty, staff, and students are expected to adhere to this protocol. Failure to comply may result in disciplinary actions.

By following this needle stick injury management protocol, we aim to swiftly and effectively address any incidents, mitigate potential risks, and ensure the health and safety of our staff members in all departments of M.A. Rangoonwala Dental College.



  
Dr. Ramandeep Dugal

**Principal**  
M. A. RANGOONWALA COLLEGE OF DENTAL  
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### **FORMAT FOR NEEDLE STICK INJURY RECORD - FOR ALL DEPARTMENTS**

- **Date of Incident:** [Date]
- **Time of Incident:** [Time]
- **Injured Person's Name:** [Full Name]
- **Employee ID (if applicable):** [Employee ID]
- **Department:** [Department]
- **Location of Incident:** [Location]
- **Source of Injury:** [Type of Sharp Object]
- **Procedure/Task:** [Description of Procedure]
- **Patient Involved:** [Patient's Name or Identifier]
- **Description of Incident:** [Brief Description]
- **Immediate Actions Taken:** [First Aid Measures]
- **Safety Protocol Followed?:** [Yes/No]
- **Personal Protective Equipment (PPE) Used?:** [Yes/No]
- **Type of PPE Used:** [Type of PPE]
- **Incident Reported to Supervisor/ICO?:** [Yes/No]
- **Name of Supervisor/ICO Notified:** [Name of Supervisor/ICO]
- **Medical Treatment Required?:** [Yes/No]
- **Medical Facility Used:** [Name of Medical Facility, if applicable]
- **Follow-up Actions Taken:** [Steps Taken for Follow-up]
- **Root Cause Analysis:** [Analysis of Why the Incident Occurred]
- **Corrective and Preventive Measures Taken:** [Steps Taken for Prevention]
- **Witnesses (if any):** [Names of Any Witnesses Present]
- **Signature of Injured Person:** \_\_\_\_\_
- **Date of Signature:** \_\_\_\_\_

*(Confidential and Internal Use Only).*



  
Dr. Ramandeep Dugal

**PRINCIPAL**  
Principal  
M. A. RANGOONWALA COLLEGE OF DENTAL  
SCIENCES & RESEARCH CENTRE, PUNE



**M.C.E SOCIETY'S  
M.A.RANGOONWALA COLLEGE OF  
DENTAL SCIENCES AND RESEARCH  
CENTRE**

**INFECTION CONTROL AND  
BIOMEDICAL WASTE MANAGEMENT  
COMMITTEE**





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## **M.A. RANGOONWALA COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE, PUNE**

Recognized by Dental Council of India & Affiliated to M.U.H.S. Nashik

2390-B, K.B. Hidayatullah Road, Azam Campus, Camp, Pune-411001 (Maharashtra)

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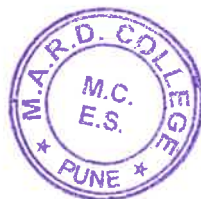
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Website : [www.mardentalcollege.org](http://www.mardentalcollege.org)

### **INFECTION CONTROL AND BIOMEDICAL WASTE COMMITTEE 2018-19**

The following faculty is appointed as members of the Infection Control and Biomedical Waste Committee of the Institute.

<b>Sr. No</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>
1	Dr. Ajit V Koshy	Professor	Oral Pathology
2	Dr. Deepak Kaul	Professor	Oral Surgery
3	Dr. Gaurav Khutwad	Reader	Oral Surgery
4	Dr. Amol Patil	Reader	Pedodontics
5	Dr. Prachi Baldawa	Reader	Oral Pathology
6	Dr. Priti Talele	Sr. Lecturer	Oral Surgery
7	Dr. Mandar Todkar	Sr. Lecturer	PHD
8	Dr. Prashant Nakade	Sr. Lecturer	Prosthodontics
9	Dr. Hussain Mookhtiar	Sr. Lecturer	Conservative
10	Mrs. Rubina Sayyed	Assistant	Oral Surgery



  
Dr. Ramandeep Dugal  
**PRINCIPAL**  
M. A. RANGOONWALA COLLEGE OF DENTAL  
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### **INFECTION CONTROL AND BIOMEDICAL WASTE COMMITTEE 2019-20**

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<b>Sr. No</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>
1	Dr. Ajit V Koshy	Professor	Oral Pathology
2	Dr. Deepak Kaul	Professor	Oral Surgery
3	Dr. Gaurav Khutwad	Reader	Oral Surgery
4	Dr. Amol Patil	Reader	Pedodontics
5	Dr. Prachi Baldawa	Reader	Oral Pathology
6	Dr. Apurva Boid	Sr. Lecturer	Periodontics
7	Dr. Mandar Todkar	Sr. Lecturer	PHD
8	Dr. Prashant Nakade	Sr. Lecturer	Prosthodontics
	Dr. Ashwini Vadane	Sr. Lecturer	Oral Surgery
9	Mrs. Rubina Sayyed	Assistant	Oral Surgery



Dr. Ramandeep Dugal

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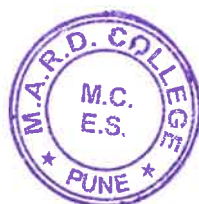
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### **INFECTION CONTROL AND BIOMEDICAL WASTE COMMITTEE 2020-21**

The following faculty is appointed as members of the Infection Control and Biomedical Waste Committee of the Institute.

<b>Sr. No</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>
1	Dr. Ajit V Koshy	Professor	Oral Pathology
2	Dr. Deepak Kaul	Professor	Oral Surgery
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4	Dr. Amol Patil	Reader	Pedodontics
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9	Dr. Ashwini Vadane	Sr. Lecturer	Oral Surgery
10	Mrs. Rubina Sayyed	Assistant	Oral Surgery



  
Dr. Ramandeep Dugal  
Principal  
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**INFECTION CONTROL AND BIOMEDICAL WASTE COMMITTEE 2020-21**

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**INFECTION CONTROL AND BIOMEDICAL WASTE COMMITTEE 2022-23**

The following faculty is appointed as members of the Infection Control and Biomedical Waste Committee of the Institute.

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1	Dr. Ajit V Koshy	Professor	Oral Pathology
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