



MNR DENTAL COLLEGE AND HOSPITAL

"NAAC ACCREDITED"

(Recognized by MH & FW, Govt of India & Affiliated to KNR University of Health Sciences)

MNR Nagar, Fasalwadi, Sangareddy- 502 294, Telangana State, India

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PATIENT SAFETY CURRICULUM

Patient Safety Curriculum was developed to assist in the teaching of patient safety in MNR Dental College and hospital, Sangareddy from February 2021. It supports the on-going training of all health care professionals, designed to introduce patient safety concepts to educators. It relates to building the capacity for patient safety education, programme planning and design of the courses.

CLEANING & DISINFECTION

- Cleaning & disinfecting of the pre-screening area & also the department for every patient, with or without symptoms was done as soon as possible.
- Scheduling minimum appointments during the working hours, as per the emergency care/treatment required by the patient was followed.
- Taking of detailed medical history & contact history of the patient was done.
- Followed the guidelines for sample collection as per ICMR Standards.
- Use of PPE and social distancing was followed.
- Cleaning & disinfecting of the department including chairs, tables, door handles & floor was done.


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SANGAREDDY Dist. - 502 294 (T.S.)



PATIENT WAITING AREA:

- No foot wear allowed
- Pre-screening of the patients, coming to the department was done using thermal scanners for mandatory temperature checks
- Mandatory wearing of face mask
- Gloves along with cleaning of hands with an alcohol based hand rub sanitizer was done on a mandatory basis.
- One intern for receiving the patient and asking about the history and symptoms present.
- Alternate seating arrangement for maintaining social distancing
- Submission of signed disclosure/consent form
- Placing of posters and signboards at the entrance of the department, for instructing the patients, if they are having any symptoms of cough, sore-throat, fever, sneezing or shortness of breath, they should report to the physician or hospital immediately.
- Patients with any of these symptoms were advised to reschedule their appointment/treatment.


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O.P. CHECKING AREA:

- Appropriate personal protection equipment (PPE) for the dental surgeon and the assisting intern
- Mouth rinse with 0.2% sodium hypochlorite or 2% povidone iodine solution for 1 minute.
- Diagnosis and sorting patients requiring aerosol generating procedures and non-aerosol generating procedures.

AEROSOL GENERATING PROCEDURES:

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- Only for emergency and urgent care.
- Identification of a closed room.
- Practice four handed dentistry with a dental surgeon and an assistant.
- Mandatory PPE kits for both.
- Rubber dam isolation and high volume suction.
- Minimize IOPA usage.
- Proper covering of all the adjacent critical surfaces around the operatory with disposable covers
- Disinfection performed between the patients with a 70% alcohol based wipe
- 60 minutes of gap between each patient with cross ventilators and additional ventilators for airborne contaminant removal.



NON AEROSOL GENERATING PROCEDURES:

- Rubber dam isolation wherever applicable.
- Mandatory four handed dentistry.

SAMPLE COLLECTION

- Samples form the patients was collected (Biopsy/Cytology) as per only the emergency condition/treatment of the patient.


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- Samples were collected from the clinicians by strictly following the guidelines, as per the emergency treatment/condition of the patient.
- Blood investigations were done following the patient need only, by strictly following the preventive guidelines for both the patient and the dentist/investigator.
- Wearing of PPE kit, N95 mask, protective eye wear, face shield, head cap & disposable shoe cover were all worn by both the patient and the investigator.
- Detailed patient records were maintained.
- Once the patient /sample collection was completed, the patient was sent out of the department & necessary protocol prior to the next patient, was followed.
- All the instruments were disinfected, cleaned & sterilized as per Standard Infection Control (CDC-2003).

POST-TREATMENT:

- Minimum of 20 minutes gap between the patients for non-aerosol generating procedures.
- Changing of instruments, flushing the suction and spittoon drainage with 1% sodium hypochlorite for 2 minutes.
- Disinfect surrounding 3 feet area around the chair and mop the clinical area with a disinfectant.
- Donning of PPE and proper disposal.
- Hydrogen peroxide fumigation at the end of each day.
- After necessary investigations were done for the patient, all the instruments were collected immediately, rinsed under running water to remove any organic debris present and the instruments appropriately disinfected for 30 minutes or as per the manufacturer guidelines.
- All the biomedical wastes pertaining to the patient care & the department were carefully disposed off as per the Biomedical Waste Management Handling Rules from time to time, done from the department to the Centralized Body of MNR Dental College.


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- Mopping of the floor was done with 1% Sodium Hypochlorite solution using separate mop sticks for clinical area & patient area.
- Hand hygiene with soap water/ alcohol scrub as per WHO protocol was followed.
- This was followed by fumigation after completing all the procedures time to time and also before closure of the department.


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