



MNR DENTAL COLLEGE AND HOSPITAL

“NAAC ACCREDITED”

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

MNR Nagar, Narsapur Road, Fasalwadi, Sangareddy 50229

Report on training in specialized clinics and facilities



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

COMPREHENSIVE/INTEGRATED CLINIC

To train the interns to provide complete dental care: preventive and curative to a patient.

at one centralized clinic under direct supervision.

Why training is important:

Interns gain knowledge & practice about overall comprehensive care that is provided in private Clinics.

Infrastructure & logistics:

The Department has well equipped fully functional dental chairs which enables speedy and advanced dental care delivery to the patients.

Implementation:

- Comprehensive care is the coordinated delivery of the total healthcare required by a patient.
- It's a dental care that planned and coordinated through interdisciplinary approach. It becomes convenient for patients to receive various treatments at one place.
- The comprehensive clinic in our institute provides various curative dental care like endodontic treatment restorations, extractions and prosthesis and preventive dental cure like pit and fissure sealant application and topical fluoride application,
- In comprehensive treatment we also promote proper oral hygiene methods. Interns are also trained to provide tobacco de-addiction counseling in a systematic manner to the identified tobacco consumers in the comprehensive clinic.
- A well-trained chair side assistant and a dental hygienist is available to aid the interns and faculty rendering dental care in comprehensive clinic.

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Evidence of success:

- The high rate of timely treatment provided to the patients seeking dental care at MNR Dental College is an indication of successful functioning of comprehensive care.
- The department maintains all dental treatment records.
- Comprehensive clinic of our institute provides advanced dental care to all the camp patients through collaborations with all the satellite centers and rural dental centers associated with Department of Public Health Dentistry.

Students trained:

- Since the inception of comprehensive dental clinic in Department of Public Health Dentistry, all the interns posted in the department through rotatory internship program are trained for providing dental care in this clinic.



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IMPLANT CLINIC

The fundamental aim of the implant clinic is to provide comprehensive dental implant care including periodontal surgical and prosthetic aspects of Implantology.

Post-graduate students in Periodontics, Prosthodontics and Oral and Maxillofacial Surgery have implantology as a part of their curriculum with interdisciplinary syllabus.

Infrastructure & logistics:

The Department has specialized implant clinic fully equipped with 4 dental chairs, implant system physio dispenser, recent biomaterials and in-house casting machine and ceramic lab.

Post-graduate students are provided with the necessary support from private labs like illusion dental for intraoral scanner and 3D printing as required on a case basis.

Implementation:

The department has a highly trained and experienced faculty in implantology

Implant training is started for students in their 1st year of residency so that they can be thoroughly trained in basic to advanced aspects of implant dentistry.

Periodic workshops and training courses are conducted in collaboration with the dental implant companies and dental labs to keep students abreast with newer advances.

Evidence of success:

The high rate of timely treatment provided to the patients seeking implant treatment at MNR Dental College is an indication of successful functioning of comprehensive care.

A good amount of remuneration is generated per month through this implant clinic.

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Collaboration:

- Collaboration with private dental labs like Tanak dental lab Hyderabad, Evnzee Lab and I Forge 3D for 3D printed surgical guides

Students trained:

- Since the inception of implant clinic in Department of Prosthetic Dentistry. All the postgraduate students and interns are trained rigorously in various aspects of implant therapy.



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GERIATRIC CLINIC

Goal:

The fundamental aim of the Geriatric center is to impart motivation to the geriatric population regarding oral health care and further facilitate comprehensive dental treatment to patients to enhance the quality of life.

Why training is important:

Interns and Post-graduate students from the Department of Prosthodontic serve the geriatric center that will facilitate them to cater the dental needs of geriatric population in future.

Infrastructure & logistics:

- The Geriatric center has well equipped fully functional dental chair that aid the faculty and trainees in diagnosis and provide comprehensive oral health care to the patients.
- The interns and post graduate students are facilitated with all the necessary dental materials required for providing comprehensive dental care to the geriatric population.

Implementation:

- One faculty, interns and post-graduate students are posted in Geriatric clinic on a schedule to exclusively dedicate their time for Geriatric care.
- Fully functional dental chair with materials for fixed and removable prosthesis care.
- Department of Prosthodontics also fabricating 3D Printed ergonomically designed feeding aid for patients with limited manual Dexterity.

Evidence of success:

- All Geriatric treatment records are maintained by the department of prosthodontics
- Patient files treated at Geriatric care are well-maintained for reference for future treatments

Collaboration

- Geriatric clinic of our institute provides advanced dental care to all the old patients through collaborations with Dangoria and sangareddy old age homes. Collaboration with private dental labs like Tanak dental lab Hyderabad, Evnzee Lab and I Forge 3D for 3D printed models for patients with limited Dexterity.

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Students trained

- All interns on rotatory internship in the department of prosthodontics are trained and posted in Geriatric clinic

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WANGAREE ROAD

WANGAREE ROAD, NARSAPUR ROAD, SANGAREDDY DISTRICT, TELANGANA STATE

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SPECIAL CHILDREN DENTAL CLINIC


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Why Training is Important:

1. To understand the management, dental rehabilitation of very young child under anesthesia
2. To understand the management dental rehabilitation of Special child (Medically/mentally/physically handicapped) under anesthesia sedation
3. To understand the work of the dental health care of child under dental sedation
4. To understand applicable emergency management skills.

Department list

1. Special room with fully automatic Pediatric dental chair.
2. Provision for nitrous oxide oxygen sedation chair side facility.
3. Provision for anal and sedation drugs.
4. Provision for privacy room.
5. Facility for medical emergency care with all the relevant equipment's.
6. The unit is already attached to department Dentistry college.

Specialization:

1. Effectively and efficiently undertake dental rehabilitation of children under anesthesia sedation
2. Effectively and efficiently undertake dental rehabilitation of Special child (Medically/mentally/physically handicapped) under anesthesia sedation.
3. Provide dependable emergency management skills.
4. Train in safe sedation practice.

Education of students:

Management of apprehensive young children under sedation helps to achieve better outcome for dental treatment.

Management of special children under anesthesia sedation helps to achieve better outcome for dental treatment.





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SPECIALIZED HEALTH CARE NEEDS CLINIC

To train the interns to provide comprehensive dental care under dental sedation with direct supervision.

Why Training is Important:

1. To understand the management dental rehabilitation of very young child under conscious sedation
2. To understand the management dental rehabilitation of Special child {Medically/mentally physicallyhandicapped) under conscious sedation
3. To recognize needs of the dental health care of child under dental sedation
4. To understand dependable emergency management skills.

Department has:

1. Special room with fully automatic Pediatric dental chair.
2. Provision for nitrous oxide oxygen sedation chair side facility.
3. Provision for oral and nasal drugs.
4. Provision for recovery room.
5. Facility for medical emergency care with all the relevant equipment's.
6. On call anesthetist attached to department Dentalcollege

Implementation:

1. Effectively and efficiently undertake dental rehabilitation of children under conscious sedation.
2. Effectively and efficiently under take dental rehabilitation of Spiral child (Medically/mentallyphysically handicapped) under conscious sedation.
3. Provide dependable emergency management skills.
4. Train in safe sedation practice.

Evidence of success:

Management of apprehensive young children under sedation helps to achieve more success for dental treatment

Management of special children needs additional support of dental sedation and GA during dental treatment


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Collaboration:

Collaborated with Special Olympics Bharat and Autism school, miyapur for children with special healthcare needs. The department has collaborated with the department of Anesthesia in MNR Medical Hospital for safe sedation practices

Students trained:

All the interns posted in the department through rotatory internship program are trained to monitor and observe dental treatment under sedation by competent faculty.



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TOBACCO CESSATION CENTRE

- To train the interns for tobacco cessation counseling under direct supervision.
- Conduct clinical based individual tobacco cessation sessions that include pharmacological and non-pharmacological approaches and follow-up session for tobacco use.
- Develop information, education and communication materials in print and audio-video format in English and other languages.

Why training is important:

Interns gain knowledge & practice to conduct tobacco cessation sessions that include pharmacological and non-pharmacological approaches.

Implementation:

A detailed case history of tobacco users is taken. The case history involves questions regarding the amount, frequency and time since the start of habit.

- Monthly expenses spent on tobacco consumption are also enquired. Nicotinic dependence is also assessed using the Frager tome Nicotine dependence index.
- Past History on attempts of quitting is asked with reasons for relapse if present. Oral examination is also done after the case history taking. Oral cavity is screened for all the tobacco associated lesions like. Erythroplakia, Oral submucous fibrosis etc.
- After the history taking and screening, counselling of the patient is done to stop the habit.
- Patient is explained about the harmful effects of tobacco and the risk for oral cancer.
- Patient is made aware about the various ways to stop the habit.
- Patient is asked to practice meditation yoga for walk's, etc., To overcome the cravings of habit, various alternatives are advised.
- Patient is recalled for follow up and counseling. Progress towards the stoppage of habit is recorded.


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Evidence of success:

- Screening of all dental out patients are done and tobacco cessation counseling session given to tobacco users.
- The department maintains all tobacco users' records. including follow-up visit records.
- All interns are trained liar under Life First training program liar tobacco cessation counseling.

Students trained:

- Since the establishment of tobacco cessation center, all the interns arc trained for under Life First training program for tobacco cessation counseling.



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ESTHETIC CLINIC

Goal:

- To improve the external appearance of the tooth, jaw or the whole cavity in general to provide best esthetic treatment to the patient under a single roof.
- To make various treatment approaches available to enhance pleasing and attractive patient smiles.
- Helps to provide the operator with an opportunity to update their clinical knowledge to the evidence-based protocols.
- Develop information, education, and communication materials in print and audio video format in English and other languages.

Why training is important:

This clinical training provides the operator with an opportunity to update their clinical Knowledge to the evidence-based protocols.

The final outcome of a clinically adapt specialist and a happy and satisfied patient is achieved.

Infrastructure & logistics:


Aesthetic clinical comprises of non-vital bleaching unit, well supported lab and esthetic materials like composite and all-ceramics.

Implementation

Aesthetic clinic aims at implementing advanced dental treatments for an individual. Dental problems are dental treated as a whole and a solution made to eradicate these problems, while simultaneously providing a great smile and natural appearance to the patient

Evidence of success


- The aesthetic dental treatments range from orthodontics to rectify malocclusion through to veneers and crowns {Used to rectify diastema, through angulated teeth, teeth with severe staining.
- It is a combination of various dental treatment disciplines rather than being a specific discipline or type of treatment
- Aesthetic dentistry focus on providing holistic treatment for the patient.
- Surgical procedures tooth whitening procedures also come under the umbrella aesthetic treatments.


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- The aesthetic clinic used an integrated attitude to provide a comprehensive dental treatment to the patient as an individual.
- Currently the aesthetic clinic in the college is run independently without any collaborations.

Students trained:

- The intern students can be trained in all esthetic treatment procedures.


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