

DEPARTMENT OF DENTAL SURGERY AT MMC

INTRODUCTION:

Department of Dental Surgery is an integral part of any medical establishment to provide full-body medical assistance-cum-treatment to an individual. The department focuses on patient education to prevent disease and provide treatment options for the same procedures offered in general and (some) specialty practices.

Department of Dental Surgery houses all dental equipment and tools in one place and is staffed by dentists, dental specialists, dental assistants, and dental hygienists. This team, together, works towards providing best possible treatment to the dental patients with the goal of complete health and functional ability of the stomatognathic system.

The Department at Muzaffarnagar Medical College and Hospital (MMCH) is a fully equipped department with all essential facilities to provide comprehensive care to the patients. It offers various procedures through state-of-the-art technology combined with the teams' extensive dental experience. All the specialty dental treatments including Restorations, RCTs, Surgeries, Prosthodontic rehabilitation, Prosthetic replacement of various missing body parts, Periodontic treatment, implant rehabilitation, etc are done under the same roof by specialist doctors. We are dedicated to providing our patients with the best service and care.

HEAD OF THE DEPARTMENT:



Dr. Rubina Gupta

Head of the Department, Dental Surgery

Dr. Rubina Gupta has completed her MDS from Subharti Dental College, Meerut (U.P.) in 2008 after completing her Bachelor in Dental Surgery (BDS) from Bharati Vidyapeeth Dental College and Hospital, Pune. She has been associated with the MMCH since the initial days of the institution and was a very important member in establishing and modernization of the department. She has also done a fellowship in Implant Surgery from the School of Life Dentistry, Niigata, Japan in 2011.

She is very active clinically as well as academically. She has published 21 articles in various national and international journals. She has won first prize in the national conference for her

innovative prosthetic eye case series and has presented the same on an international platform too.

She is a member of many national and international societies and has carried out as much as 10 research works in the department, all of which have been published in various esteemed journals.

VISION OF THE DEPARTMENT:

Our Vision is to provide exemplary treatment with care and respect for all, to provide preventive, curative, and rehabilitative Oral health care. It is our goal to serve our community by being caring, positive, and helpful.

We also believe in promoting innovative research and providing excellent community service.

MISSION OF THE DEPARTMENT:

Our Mission is to work together as a team to provide comprehensive, effective dental care to one and all. We aim to provide complete oral health to everyone in well-equipped, fully functional advanced Dental facilities.

FACILITIES AND EQUIPMENTS:

The department performs various dental procedures daily on out-patients. The department of Dental surgery is equipped with 04 dental chairs and 3 X-Ray units. Also, one of the best implant systems is being used for Implant rehabilitation cases.

All surgical procedures, Restorative Procedures, Prosthetic Procedures and Oral Prophylaxis are done by specialist doctors.

- **Oral surgery:** All kinds of minor oral surgical procedures are done in the college and are carried out by our specialized oral surgeon under strict sterilization protocol. Routine procedures like extractions, Impactions etc. are being done daily. Specialized procedures like Apicectomy, Inter-maxillary fixation, biopsies, etc. are done on appointed days. We strictly follow the sterilization protocol to avoid any cross-contamination. Major surgeries like fracture reduction etc. are also carried out.
- **Restorative procedures:** The painless Root Canal Treatment is done daily in an aseptic environment. Both multiple sitting and single sitting RCTs are being done. All kinds of restorations including tooth-colored restorations are available for the patient at a very minimal cost.
- **Prosthetic Procedures:** Prosthodontics, also known as dental prosthetics or prosthetic dentistry, is the area of dentistry that focuses on the design, manufacture, and fitting of artificial replacements for teeth and other parts of the mouth. All kinds of prosthesis like CD, RPD, FPD, Implants and extra-oral prosthesis are fabricated in the department. They are done directly under the supervision of the head of the department.

- **Dental implants:** These are implanted into the bone of the jaw like the root of a tooth and can replace one, several, or entire rows of teeth. The department uses one of the best available Implant systems available.
- **Crowns** cover a single damaged tooth or form part of a bridge, where the crowns are placed on each side of one or more false teeth. All varieties of crowns and bridges i.e. metal-colored, tooth-colored, etc. are done in the department.
- **Dentures** replace missing teeth with a removable prosthesis. They can be complete, which replaces all the teeth or Partial, which replaces few missing teeth. The dentures fabricated in the department help in the rehabilitation, and maintenance of the oral function, comfort, appearance, and health of patients.
- **Maxillofacial Prosthetics:** It is a subspecialty of Prosthodontics that involves rehabilitation of patients with defects or disabilities that were present when born or developed due to disease or trauma. Prostheses are often needed to replace missing areas of bone or tissue along with teeth and restore oral functions such as swallowing, speech, and chewing.
- **Extra-oral prosthesis** is the prosthesis that replaces missing body parts like eyes, ears, fingers, etc. Though they are not functional, they help the patient by restoring his/her esthetics and hence confidence. They are also being fabricated in the department of dental surgery of Muzaffarnagar Medical College.
- **Oral prophylaxis** (scaling) is done in the college. For this, we have a certified oral Hygienist employed permanently in the department.
- **Miscellaneous:** other diseases of the stomatognathic system including but not limited to neuralgia, TMJ disorders, etc. are also treated in the department.

ROLE OF DENTAL SURGERY IN MBBS:

The final year MBBS students undergo introduction to the Dental Surgery as a subject and are imparted knowledge about various aspects of the stomatognathic system.