

M.S. Ramaiah University of Applied Sciences

New BEL Road, MSR Nagar, Bangalore – 560054



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

PO, PSO & CO

Programme: M.CH Plastic Surgery

Programme Code: 159

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Course Outcomes (CO)

Shalini

Principal and Dean

M.S. Ramaiah Medical College and Hospital
M.S. Ramaiah University of Applied Sciences



Ramaiah Medical College (RMC)

Programme Outcomes

Post Graduate Programme: M.CH Plastic Surgery

Programme objectives (PO) for M.ch Plastic Surgery Postgraduate students

At the end of the program the postgraduate students should

- PO1.** Develop the knowledge, skills and attitude to be a competent Plastic Surgeon.
- PO2.** Demonstrate a commitment to excellence and continuous professional development with integrity. To be compassionate and sensitive to patient care.
- PO3.** To be able to Acquire and develop the knowledge, skills and attitude required to be a competent Plastic Surgeon and ethical researcher and teacher.
- PO4.** To be able to independently perform surgical procedures applicable to Plastic Surgery speciality with a reasonable degree of professionalism and competence.

Programme Specific Outcomes (PSOs)

Programme specific outcome (PSO) for M.CH Plastic Surgery Postgraduate students

- PSO1.** To acquire clinical skills in taking proper clinical history, clinical examination, relevant investigations. To diagnose reasonable surgical conditions.
To be able to perform common plastic surgical procedures independently and able to perform major procedures with the help of senior plastic surgeon.
To be able to manage acute burns, fasciomaxillary injuries and limb trauma.
- PSO2.** To be able to advise specific investigation like CT scan, MRI and Doppler studies for particular cases and should be able to diagnose with reasonable accuracy.
- PSO3.** To be able to handle plastic surgery equipments like magnifying loupe, operative microscope, liposuction machine, basic plastic surgery instruments.
- PSO4.** To be able to teach and assess undergraduates and broad speciality surgical postgraduates with the help of senior surgeons and also be able to conduct fundamental research activities independently or as a team member.
- PSO5.** To apply skills learnt in the advanced learning center for patient care, application of principles of professionalism, ethics and effective communication in the conduct of routine plastic surgery services, teaching activities and research.
- PSO6.** To be able to perform basic plastic surgery procedures independently.

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Course Outcomes (COs)

Course Title & Code: General principles and basic sciences relevant to plastic and reconstructive surgery.
(MCHC513A)

Subjects At the end of the course, the students should be able to:

- CO-1. Student should be well versed with common plastic surgical conditions.
Should also have basic knowledge about flaps, grafts, burns and craniofacial surgery
- CO-2 The student should demonstrate integrity, accountability, respect, compassion and dedicated patient care, commitment to excellence.

Course Outcomes (COs)

Course Title & Code: Clinical part- 1 (MCHC514A)

Subjects At the end of the course, the students should be able to:

- CO-1. Should know standard operating procedures for common plastic surgical conditions like Burns, Fasciomaxillary fractures, Limb injuries and Hand injuries.
- CO-2. To be able to perform skin grafting, local flaps, pedicle flaps. Should have basic knowledge about upper limb and head and neck reconstruction.
- CO-3. Should have a basic knowledge about research methodology so as to conduct fundamental and applicable research in accordance with instructions as accepted by international standards.

Course Outcomes (COs)

Course Title & Code: Clinical part – 2 (MCHC515A)

Subjects At the end of the course, the students should be able to:

- CO-1. Be familiar with SOP followed for limb trauma with special emphasis to vascular compromise and its acute management.
- CO-2. Be able to possess the knowledge of principles of microsurgical principles and its application to the clinical situations like vascular compromised limbs and chest and abdominal penetrating injuries.
- CO-3. To be able to take decision and perform minor procedures in emergency and coordinating with other specialties like orthopaedics, surgical oncology and general surgery.
Should demonstrate knowledge of different teaching-learning methods and be able to teach undergraduate students, paramedical staff and their own peers along with interdepartmental conferences/ CMEs as applicable to all the specific courses.



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Course Outcomes (COs)

Course Title & Code: Recent Advances in Plastic and Reconstructive Surgery (MCHC516A)

Subjects At the end of the course, the students should be able to:

- CO-1.** Should be conversant with the principles of Lymphedema management, super microsurgical procedures brachial plexus injury and knowledge about recent advances in plastic surgical sub specialties.
- CO-2.** Student should be conversant with photography, record keeping and data management.

Cc
Registrar
M.S. Ramaiah University of Applied Sciences
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