

Annexure I
King George Medical University, U.P.

P.G. Department of Plastic Surgery

Lucknow - 226 003

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दिनांक 15.01.19

Dispatch No..... 40
Date..... 15/01/2020
Department of Plastic Surgery
K.G. Medical University Lucknow,

सेवा में,
प्रो० विनीता दास,
अधिष्ठाता, चिकित्सा संकाय,
किंग जॉर्ज मेडिकल विश्वविद्यालय,
लखनऊ।

महोदया,

कृपया अपने कार्यालय पत्र संख्या Dean M/KGMU/2020/1288 दिनांक 14.01.2020 का संदर्भ में जिसमें निकट भविष्य में आहूत की जाने वाली बोर्ड ऑफ फ़ैकल्टी ऑफ मेडिसिन की बैठक में विभागों से संबन्धित शैक्षणिक प्रस्तावों को पारित करने के संबंध में है। उपरोक्त के संबंध में प्लास्टिक सर्जरी विभाग से संबन्धित शैक्षणिक प्रस्ताव बोर्ड ऑफ फ़ैकल्टी ऑफ मेडिसिन की बैठक के एजेंडे में सम्मिलित किए जाने हेतु निम्न हैं -

1. Fellowship in Burn & Reconstructive Surgery-- Two candidates each year

अतः आपसे अनुरोध है कि कृपया उपरोक्त प्रस्ताव को बोर्ड ऑफ फ़ैकल्टी ऑफ मेडिसिन की बैठक के एजेंडे में सम्मिलित करने का कष्ट करें। प्रस्तावित कोर्स का पाठ्यक्रम (syllabus) संलग्न है।

धन्यवाद,
भवदीय,

(विभागाध्यक्ष)

Head
Department of Plastic Surgery
King George Medical University, Lucknow

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Letter No.

Dated : 06.04.2019

Rules and Regulations for "Fellowship in Burns and burn reconstructive surgery"

Name of Program: The Program will be called (Fellowship in Burns and burn reconstructive surgery). The Candidate will be awarded the certificate in Burns and burn reconstructive surgery.

Eligibility: MS (Surgery)/MCh/DNB (Plastic Surgery) or equivalent post graduate degree recognized by MCI/DNB.

Entrance : Through competitive examination. Number of seats each year - Two.

Certification : After successful completion of the course and exit examination he/she will be awarded the certificate of having satisfactorily completed the course.

Duration of course: One year - to usually commence from 1st August each year.

Regulations : As per common guidelines for all fellowship courses of King George Medical University U.P., Lucknow.

Objective: to equip the candidate to:

1. To understand the anatomy of the skin, functions, fluid electrolyte balance and apply it in clinical practice for examination, diagnosis and management of burns.
2. To understand the basic principles of Plastic surgery and tissue transfer as applicable for reconstructive surgery.
3. To learn the best possible treatment of acute burns, prevention of shock, prevention of sepsis, wound care and to avoid crippling deformities and their associated morbidity.
4. To learn the cause, prevention and treatment of post burn deformities.
5. To understand principles of micro vascular surgery and its application in reconstruction.
6. To learn rehabilitation of burn patients.
7. To learn the basics of research methodology and biostatistics.

SYLLABUS

Knowledge base:

The candidate should acquire a sound knowledge of preventive, and curative aspects and management guidelines about various problems associated with burns. The candidate should learn the basic scientific principles and evidence based current treatment modalities for fluid resuscitation, wound care. The candidate should learn basic principles of micro vascular surgery in relation to wound reconstruction. The knowledge base will be applied to ensure safe and competent clinical practice for appropriate management of various conditions associated with burns.

The trainee will be required to demonstrate working knowledge of basic sciences as applied to burn management problems specially anatomy, physiology, pathology etc. and the basic principles of applied sciences especially surgery, plastic surgery, prosthetics, orthotics and physiotherapy etc. The training curriculum will include imparting thorough knowledge of following conditions and their management:

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Introduction of basics

- Anatomy of skin and airway.
- Types of burns
- Pathophysiology of burn wounds
- Biochemical changes
- Incidence and statistics
- Burn prevention and education

First aid in burns – How to provide first aid in different types of burns like – thermal, electrical, chemical etc.

Clinical management

- Medicolegal requirements in burns victims.
- Initial reception and emergency management.
- Fluid management in early burn.
- Operative procedure in emergency room – Escharotomy, Tracheostomy, Associated Surgery.
- Fluid management and nutrition and metabolism.
- Physiotherapy, positioning and splinting.
- Bath and dressing changes – wound management.
- Pharmacotherapeutic in burn – antibiotics and protocols.
- Wound dressing materials.

Operative procedures –

- Early excision and grafting.
- Grafting of granulating wounds and skin meshing.
- Flap cover.

Skin Bank –

- Procurement stage and dispensing of skin. Legal requirements.

Critical care in burns –

1. ICU management and intensive monitoring.
2. Ventilator support.
3. Dialysis for renal support.
4. Elderly and paediatric care.
5. Pain management.

Rehabilitation, scar management and reconstruction –

- Physiotherapy in burn.
- Occupational therapy in burn.
- Scar management/LASER/Pressure Garments/Splintage.

Research in burns, prevention and public education –

- Planning of study, biostatistics.
- Public education by help of print and electronic media.
- Prevention of blindness and distinguishing scars/contractures.