

Submission of application to start Certificate Courses/Fellowships

S.No	Head	Comment
1	Name of Course	Fellowship in Hand and Microsurgery
2	Duration of Course	01 Year
3	Name of Nodal Officer	Dr. Arun Kumar Singh
4	number of seats	02
5	Faculty involved	Dr. A.K. Singh, Dr. Brijesh Mishra, Dr. D N Upadhyaya
6	Entrance examination will be conducted by Controller of Examination, KGMU and will consists of 100 MCQs, one mark each (90 minutes)	
7	Exit exam will consists of two theory papers. One with MCQ of 100 questions (1mark each) to be completed in 90 minutes and second with short answer type questions with 10 questions (10 marks each) in 90 minutes.	
8	In Practical Examination there shall be 02 examiners, one internal and one external examiner. Practical will be of 200 marks.	
9	Fees Structure	
	Fee	Amount
	Online Application Fee (COE)	Rs. 3,000 for UR & OBC, Rs. 2000 for SC/ST
	Registration Fee	Rs. 2,000
	Enrollment Fee	Rs. 1,000
	Tution Fee	Rs. 50,000
	Other	Rs. 4,000
	Student Welfare Fee	Rs. 1,500
	Atheletic Association Fee	Rs. 100
	Library Fee	Rs. 2,000
	Examination Fee	Rs. 20,000
	Exam Form Fee	Rs. 500
	Caution Money (Refundable)	Rs. 10,000
	Fee for chemical/consumables as per deptt. advice (concerned department)	Rs.
		Total=Rs. 81,100
10	Upper Age Limit	37 Year (For year 2019)/as per KGMU Senior Resident appointment policy
11	Leave Rules	As per University Senior Resident Rules

Guideline of Certificate Course is being enclosed.

Kindly Submit the Syllabus of the concerned Certificate Courses/Fellowships alongwith aforesaid details.

Signature & Stamp
Head of the Department

Head
Department of Plastic Surgery
KGMU Medical University, U.P., Lucknow

Signature
Nodal Officer

King George Medical University, U.P.,

Department of Plastic Surgery

Lucknow - 226 003

Ph. 91-0522-2257446, Fax No.0522-2258318

website : www.kgmuplasticsurgery.edu.in, Email : kgmuplasticsurgery@gmail.com



Rules and Regulations for "Fellowship in hand and microsurgery"

Name of Program: the Program will be called (Fellowship in Hand surgery and microsurgery). The Candidate will be awarded the certificate in Hand and Microsurgery.

Eligibility: M.Ch/DNB (Plastic Surgery)/MS/DNB Orthopedics, MS/DNB Surgery

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

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

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

Objective: to equip the candidate to:

1. To understand the anatomy of hand and apply it in clinical practice for examination, diagnosis and management planning of cases.
2. To understand the basic principles of Plastic surgery and tissue transfer as applicable for hand surgery.
3. To diagnose various congenital and acquired deformities of hand and treat them with various modalities including routine management and newer treatment modalities as per international standards.
4. To learn the best possible treatment of acute hand trauma in golden hour so as to avoid crippling deformities and their associated morbidity.
5. To learn the cause, prevention and treatment of post burn deformities of hand.
6. To understand principles of micro vascular surgery and its application in hand reconstruction like replantation, toe to thumb transfer, nerve grafting, nerve repair and nail bed repair.
7. To learn the principles of management of acute, long standing nerve injuries and brachial plexus injuries.
8. To learn rehabilitation of patients with upper limb functional handicaps.
9. To learn the basics of research methodology and biostatistics.

Syllabus

Knowledge base:

The candidate should acquire a sound knowledge of the natural history, clinical presentation, diagnostic and management guidelines about various hand problems. The candidate should learn the basic scientific principles and evidence base of the current treatment modalities for reconstruction of hand. The candidate should learn basic principles of micro vascular surgery in relation to hand reconstruction. The knowledge base will be applied to ensure safe and competent clinical practice for appropriate management of various conditions of hand.

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

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1. Introduction and general principles for hand surgery

- Anatomy and biomechanics of hand
- Examination of upper extremity
- Diagnostic imaging of hand and wrist
- Anesthesia for upper extremity
- Principles of internal fixation as applied to hand and wrist.

2. Acquired disorders of hand traumatic.

- Thumb and digit reconstruction
- Tendon injuries
- Fracture dislocation of hand and wrist
- Peripheral nerve injuries
- Brachial plexus injuries
- Replantation and revascularization
- Acute management of burned hand.

3. Acquired disorders of hand non-traumatic.

- Dupuytren's disease
- Infections of hand
- Ischemic conditions of hand
- Nerve entrapment syndrome
- Osteoarthritis of hand

4. Congenital anomalies

- Syndactyly
- Polydactyly
- Hypoplastic or absent digits
- Constriction ring syndrome
- Vascular anomalies of upper extremity


5. Paralytic disorders

- Tendon transfer in upper extremity
- Management of spastic hand'
- Free functioning muscle transfer in upper extremity

6. Rehabilitation

- Hand therapy
- Upper limb functional and aesthetic prosthetics.

The department agrees to all the rules and regulations of this Program.


Signature of the Head of the department. **Head**
Department of Plastic Surgery
King George Medical University, Lucknow