

King George Medical University, U.P.,

P.G. Department of Plastic Surgery

Lucknow - 226 003

Phone No. 91-0522-2257446

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Dated : 06.04.2019

Letter No.

Rules and Regulations for "Fellowship in Cleft and Craniofacial Surgery"

Name of Program: The Program will be called (Fellowship in Cleft and Craniofacial Surgery). The Candidate will be awarded the certificate in Cleft and Craniofacial Surgery.

Eligibility: In Plastic Surgery MCh/DNB/MDS (OMFS).

Entrance : Through competitive examination. Number of candidates 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.

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

Objective: to equip the candidate to -

1. To understand the anatomy of Head and Neck 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 mobilization/transfer as applicable.
3. To diagnose various congenital and acquired deformities 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 clefts facial deformities, cranial deformities, tumours, etc.
5. To learn the cause, prevention and treatment of above deformities.
6. To understand principles of repair and its applicable reconstruction.
7. To learn the principles of management of growth related facial soft tissue and skeletal deformities.
8. To understand and prevent complications.
9. To learn rehabilitation of patients with oro-craniofacial deformities.
10. To learn the basics of research methodology and biostatistics.

SYLLABUS

Knowledge base :

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

The trainee will be required to demonstrate working knowledge of basic sciences as applied to craniofacial deformities specially anatomy, physiology, genetics, embryology, etc. and

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1. Genetic basis of cleft craniofacial disease
2. Head and neck development, embryology.
3. Development of cleft/craniofacial speciality
4. Concept of team care - on role of each member of team.
5. Spectrum/Pathophysiology of cleft/craniofacial disease
6. Managing the cleft patient - from infancy to adulthood.
7. Surgical management of -
 - a. Cleft lip
 - b. Cleft palate
 - c. Craniofacial clefts
 - d. Craniosynostosis
 - e. Hypertelorism
 - f. Cranial defects
8. Distraction osteogenesis - its principles, types of distractor uses in craniofacial surgery.
9. Orthodontic preparation of cleft patient - skeletal analysis, soft tissue analysis, model preparation, mock surgery.
10. Orthognathic procedures - Le Fort-I, II and III osteotomy and its variations.
11. Craniofacial surgery - principles, history and evolution, Hypertelorism correction, skull remodeling, fronto-orbital advancement, monoblock advancement, etc.
12. Ancillary care of cleft patients - along with Allied specialties.