

**Syllabus for admission to M.Phil and Ph.D programme for the academic session 2009-2010 was considered and passed. The syllabus is as follows :-**

### PREVENTION & MANAGEMENT OF BURNS

- Fluid replacement in Burned patients.
- Local care in severe Burns.
- Management of full-thickness burns.
- Burns of special areas : face & neck, eyes, ears, nose, mouth, hand, axilla, perineum scalp & skull.
- Burns of special causes :-  
Electrical burns including lightning strike, Chemical, (Acid/Alkali burns) and Radiation, burns
- Inhalation injury, pulmonary injury in burned patients.
- Systemic infection & its management
- Multiple organ failure.
- Alteration of the host defense mechanism.
- Immunomodulation following Burn Injury.
- Nutritional considerations.
- Paediatric Burns.
- Topical therapy
- Out patient care.
- Rehabilitation after burn injury.
- Skin Preservation.
- Skin Substitutes
- Epithelial cell culture & its clinical applications in the treatment of burns.

### TISSUE TRANSFERS (TRANSPLANTATION IN PLASTIC SURGERY)

- Transplantation Immunology.
- Transplantation in Plastic Surgery
  - ❖ Skin, Bone, Cartilage, Nerve, Limb and Composite Tissue.
- Future Transplantation in Plastic Surgery.

### CONGENITAL ANOMALIES

- Prenatal detection of fetal anomalies
- Craniofacial Clefts: embryology, anatomy, classification and management. Orthodontics. Velopharyngeal dysfunction.
- Craniofacial syndromes.
- Craniofacial microsomia
- Craniosynostosis
- Hemi facial atrophy
- Vascular anomalies
- Congenital anomalies of the chest wall
- Congenital male & Female genital defects.
- Congenital hand anomalies
- Transverse & Longitudinal deficiencies of the extremities.

## MAXILLOFACIAL INJURIES.

Soft Tissue Injuries.

- ❖ Incidence & Etiology
- ❖ Evaluation & management – Anatomy, Clinical examination, Diagnostic Studies.

Acute care & reconstruction of facial burns – Post burn complications & sequelae.

Facial Fractures.

- ❖ General management.
- ❖ Management of specific fractures of the craniofacial skeleton.
- ❖ Gunshot wound of the face.
- ❖ Post traumatic facial pain.

Paediatric facial injuries.

- ❖ Prenatal, birth & infant injuries.
- ❖ Battered child syndrome.
- ❖ Soft tissue injuries.
- ❖ Dog bites.
- ❖ Facial fractures – etiology, incidence & management.
- ❖ Rigid fixation & growth.
- ❖ Translocation of plates.
- ❖ Resorbable fixation.
- ❖ Complications of paediatric facial trauma
- ❖ The role of restraints in vehicular safety

Endoscopic facial fracture management.

- ❖ Techniques, application in specific anatomic regions.
- ❖ Evolving applications & future directions.

## PREVENTION & MANAGEMENT OF HAND INJURIES.

- Incidence & etiology.
- Examination of the upper extremity.
- Diagnostic imaging of the hand & wrist.
- Diagnosis & management of tendons, nerves bones and joint injuries.

### **1) Number of seats for admission in M.Phil and Ph.D was considered and passed as follows :-**

The department has one Professor and two Readers with more than 15 years experience after joining as Lecturer. Therefore, the total number of seats available in the department for M.Phil & Ph.D programme is **13 (5+4+4)**

The Meeting ended with vote of thanks to the Chair.

**( Prof. Arshad Hafeez Khan )**  
Chairman