



OBJECTIVES OF TRAINING IN PLASTIC SURGERY

I. General Principles and Procedures

- a. *History of Plastic Surgery*
- b. *Basic science related to plastic surgery*
- c. *Basic principles*
 - i. Acute trauma life support (ATLS)
 - ii. Burns
 - iii. Trauma management
 - iv. Oncological management
 - v. Congenital malformations
 - vi. Wounds
- d. *Wound healing*
 - i. Wound closure
 - ii. Debridement
 - iii. Complications (haematoma, seroma, infection)
 - iv. Management of necrotizing fasciitis
 - v. Chronic wounds including pressure sores
- e. *Tissue transplantation*
- f. *Vascular territories of the body*
- g. *Principles of flap surgery*
- h. *Microsurgery*
 - i. Free flaps
 - ii. Replantation and revascularisation
 - iii. Peripheral nerve surgery
- i. *Laser treatment*
- j. *Implants*
- k. *Burn management*
 - i. Thermal, chemical, electrical and radiation injury

- ii. Burn resuscitation
- iii. Burn surgery

New developments e. g. Tissue engineering, Lipoplastic procedures

II. Head and Neck

a. Congenital

- i. Cleft lip/palate
- ii. Prominent ears
- iii. Microtia
- iv. Craniofacial syndromes
- v. Other

b. Traumatic / Acquired

- i. Soft tissue injuries
 1. Amputations (ear, nose, lids, lip, eyebrow, scalp)
 2. Nerve lesions/defects
 3. Complex composite defects (ear, nose, lids, lips, eyebrow)
 4. Scalp defects
- ii. Bony injuries
 1. Facial fractures
 2. Nose fractures

c. Neoplastic

- i. Soft tissue
- ii. Bone
- iii. Lip and upper aero-digestive tumours

d. Other

- i. Facial palsy

III. Chest and Breast

a. Congenital

- i. Asymmetry of the breast including Poland syndrome
- ii. Tuberous breast
- iii. Pectus excavatum /carinatum

b. Traumatic / Acquired

c. Neoplastic

- i. Surgical breast cancer treatment
- ii. Breast reconstruction
- iii. Sentinel lymph node procedure / axillary dissection

- iv. Soft tissue tumours
- v. Chest wall reconstruction
- d. *Other*
 - i. Hypertrophic breasts
 - ii. Gynaecomastia

IV. Trunk and Abdomen, Genitalia

- a. *Congenital*
 - i. Hypospadias and epispadias
 - ii. Female genital anomalies
 - iii. Spina bifida
 - iv. Other
- b. *Traumatic / Acquired*
 - i. Abdominal wall
 - ii. Lumbar, sacral and buttock
 - iii. Genital
- c. *Neoplastic*
 - i. Vulvar and vaginal tumours
 - ii. Penile tumours
 - iii. Soft tissue tumours
- d. *Other e.g.*
 - i. Gender reassignment
 - ii. Peyronie's disease

V. Upper Extremity including Hand

- a. *Congenital e.g.*
 - Syndactyly, polydactyly
- b. *Traumatic / Acquired*
 - i. Tendon
 - ii. Bone
 - iii. Joints and ligaments
 - iv. Soft tissue
 - v. Peripheral nerves including brachial plexus
 - vi. Functional muscle and tendon transfers
 - vii. Amputation and replantation
 - viii. Thumb and finger reconstruction
 - ix. Compartment syndrome
 - x. Arthrosis and arthritis

- xi. Wrist instability
- xii. Lymphoedema

- c. *Neoplastic*
 - i. Bone
 - ii. Soft tissue

- d. *Other e.g.*
 - i. Dupuytren's contracture

VI. Lower Extremity

- a. *Congenital e.g.*
 - i. Syndactyly
 - ii. Constrictive bands

- b. *Traumatic / Acquired*
 - i. Soft tissue
 - ii. Bone reconstruction
 - iii. Nerve
 - iv. Lymphoedema

- c. *Neoplastic*
 - i. Bone
 - ii. Soft tissue

VII. Skin and Adnexa

- a. *Congenital*
 - i. Vascular anomalies
 - 1. Vascular malformations
 - 2. Haemangiomas
 - 3. Lymphangiomas
 - ii. Constrictive bands

- b. *Traumatic / Acquired*
 - i. Acute and chronic wounds
 - ii. Correction of scars

- c. *Neoplastic*
 - i. Skin tumours
 - ii. Basal cell carcinoma
 - iii. Malignant melanoma

- iv. Squamous cell carcinoma
- v. Other skin and adnexal tumours
- vi. Sentinel lymph node procedure and lymphadenectomy

VIII. Aesthetic surgery

a. Head and neck

- i. Nonsurgical facial rejuvenation e.g. chemical peeling, fillers, botulinum toxin
- ii. Laser treatment
- iii. Blepharoplasty
- iv. Facelift / Necklift
- v. Browlift / Foreheadlift
- vi. Rhinoplasty
- vii. Otoplasty
- viii. Treatment of alopecia e.g. hair transplantation
- ix. Facial contouring
 - 1. Implants
 - 2. Lipoplasty including autologous fat grafting
 - 3. Genioplasty

b. Upper limbs

- i. Liposuction
- ii. Brachioplasty

c. Breast

- i. Augmentation mammoplasty
- ii. Breast ptosis
- iii. Inverted nipple

d. Abdomen

- i. Liposuction
- ii. Abdominoplasty
- iii. Bodylift

e. Lower limbs

- i. Liposuction
- ii. Thigh lift
- iii. Buttock lift
- iv. Implants