Paper II: Technical Subject

1. Skin & soft tissue
   1.1. Benign skin lesions: pigmented and non pigmented
   1.2. Malignant skin lesions and its management
      1.2.1. Basal Cell Carcinoma, Squamous Cell Carcinoma, Sarcoma, Melanoma
      1.2.2. Mohs Micrographic Surgery
   1.3. LASERs in plastic surgery

2. Craniofacial
   2.1. Basic embryology of head & neck
   2.2. Principles of craniofacial abnormalities
   2.3. Vascular anomalies
   2.4. Cleft lip & palate: management and orthopedics
   2.5. Cranio – synostosis: syndromic and nonsyndromic
   2.6. Craniofacial microsomia
   2.7. Craniofacial clefts
   2.8. Facial fracture and soft tissue injury
      2.8.1. Types of craniofacial fractures
      2.8.2. Principles of management
      2.8.3. Immediate and late management
   2.9. Head & neck cancer
      2.9.1. Reconstruction of: lips, cheeks, nose, eyelid, mandible, and oral cavity.
      2.9.2. Simple reconstruction of head and neck deformities
   2.10. Ear deformities and abnormalities: aetiology, classification and management

3. Breast and chest wall
   3.1. Breast reconstruction and augmentation
   3.2. Mastopexy
   3.3. Gynaecomastia
   3.4. Breast cancer & breast reconstruction
   3.5. Nipple reconstruction
   3.6. Chest wall defect & reconstruction

4. Upper & Lower limbs
   4.1. Congenital deformities: syndactyly, polydactyly, campylodactyly, trigger thumb, phacomalia, dimelia
4.2. Reconstruction surgeries in upper & lower limb
4.3. Nerve compression and release
4.4. Tendon transfer: basic principles and various techniques
4.5. Venous & arterial disease
4.6. Trauma: frost bite, radiation injury
4.7. Infection: leprosy (deformities and correction)
4.8. Metabolic conditions:
   4.8.1. Diabetic foot
   4.8.2. Gout
   4.8.3. Polyderma gangrenosum
5. Flaps
   5.1. Different types of flaps
   5.2. Musculocutaneous flap planning
6. Autoimmune
   6.1. Lupus
   6.2. Rheumatoid
   6.3. Arthritis
   6.4. PAN
7. Neoplasia: Basal Cell Carcinoma, Squamous Cell Carcinoma, Marjolins ulcer
   7.1. Aetiology
   7.2. Classification
   7.3. Investigations
   7.4. Management
8. Lymphaeema: causes, and management
9. Pressure sores
   9.1. Causes
   9.2. Prevention
   9.3. Surgery for bed sores
   9.4. Communication with patients and their relatives
10. Urogenital conditions: its diagnosis and management
   10.1. Hypospadiasis
   10.2. Epispadias
   10.3. Ambiguous genitalia
10.4. Vaginal agenesis
10.5. Reconstruction of genitalia

11. Burns
   11.1. Types: thermal, electrical, chemical, Radiation
   11.2. Zones of burn injury
   11.3. Pathophysiology of burns
   11.4. Estimation of burn injury
   11.5. Burn resuscitation
   11.6. Timing of surgery
   11.7. Post burn contracture reconstruction and its modalities
   11.8. Psychosocial impacts of burn injury
   11.9. Prevention

12. Nutrition
   12.1. Surgical nutrition
   12.2. Nutrition in acute burns

13. Aesthetic surgery
   13.1. Skin resurfacing
   13.2. Filler materials
   13.3. Face & forehead lift
   13.4. Rhinoplasty
   13.5. Liposuction
   13.6. Abdominoplasty
   13.7. Hair transplantation
   13.8. Scar revision

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