

लोक सेवा आयोग
नेपाल स्वास्थ्य सेवा, सर्जरी समूह, बर्न तथा प्लाष्टिक सर्जरी उपसमूह, एघारौं (११) तहको (खुल्ला र आन्तरिक)
प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

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 and neck
 - 2.2. Genetics of congenital plastic surgical interest
 - 2.3. Principles of craniofacial abnormalities
 - 2.4. Vascular anomalies
 - 2.5. Cleft lip & palate
 - 2.5.1. Different types of repair
 - 2.5.2. Alveolar bone graft
 - 2.5.3. Orthopedics
 - 2.6. Cranio – synostosis: syndromic and nonsyndromic
 - 2.6.1. Management of craniosynostosis and associated syndrome
 - 2.7. Craniofacial microsomia
 - 2.8. Craniofacial clefts
 - 2.9. Management of scalp defects
 - 2.10. Maxillofacial trauma
 - 2.10.1. Types of craniofacial fractures : Le Fort fracture, fracture mandible
 - 2.10.2. Principles of management
 - 2.10.3. Immediate and late management
 - 2.11. Head & neck cancer
 - 2.11.1. Reconstruction of: lips, cheeks, nose, eyelid, mandible, and oral cavity
 - 2.12. Ear deformities and abnormalities
 - 2.12.1. Aetiology
 - 2.12.2. Classification
 - 2.12.3. Management of congenital & traumatic ear deformities.
 - 2.12.4. Various options for nose reconstruction
 - 2.12.5. Common oculoplastic surgeries
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
 - 3.7. Management of sternal wound dehiscence

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4. Upper & Lower limb
 - 4.1. Congenital deformities: syndactyly, polydactyly, compylodactyly, 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: diabetic foot, Gout and Polyderma gangrenosum
 - 4.9. Management of sole defects
 - 4.10. Management of brachial plexus injury
5. Flaps
 - 5.1. Common perforator flaps
 - 5.2. Muscle , musculocutaneous , septocutaneous flaps
 - 5.3. Prefabricate flaps and its use
 - 5.4. Loco regional flaps and its uses
6. Micro surgery
 - 6.1. Principles of microsurgical and microneural procedures
 - 6.2. Vascularized bone transfer
7. Autoimmune: Lupus, Rheumatoid, Arthritis, PAN
8. Neoplasia: Basal Cell Carcinoma, Squamous Cell Carcinoma, Marjolin's ulcer
 - 8.1. Aetiology, classification, investigations and management
9. Lymphaedema : causes, and management
10. Pressure sores
 - 10.1. Causes and prevention
 - 10.2. Surgery for bed sores
 - 10.3. Communication with patients and their relatives
11. Urogenital conditions, its diagnosis and management
 - 11.1. Hypospadiasis
 - 11.2. Epispadias
 - 11.3. Ambiguous genitalia
 - 11.4. Vaginal agenesis
 - 11.5. Reconstruction of genitalia
 - 11.6. Principles of gender assignment surgery
12. Burns
 - 12.1. Types : thermal , electrical, chemical, radiation
 - 12.2. Zones of burn injury
 - 12.3. Pathophysiology of burns
 - 12.4. Estimation of burn injury
 - 12.5. Burn resuscitation
 - 12.6. Timing of surgery
 - 12.7. Post burn contracture reconstruction and its modalities

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प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- 12.8. Psychosocial impacts of burn injury
- 12.9. Rehabilitation and prevention
13. Nutrition : Surgical nutrition and nutrition in acute burns
14. Aesthetic surgery
 - 14.1. Principles of aesthetic surgery
 - 14.2. Skin resurfacing
 - 14.3. Filler materials
 - 14.4. Face & fore head lift
 - 14.5. Rhinoplasty
 - 14.6. Liposuction and lipo filling
 - 14.7. Abdominoplasty
 - 14.8. Hair transplantation
 - 14.9. Scar revision
 - 14.10. Aesthetic breast surgery
 - 14.11. Botox, fillers, & thread
 - 14.12. Abdominoplasty and body contouring
15. LASERs: types & uses
16. Transplant surgery: hand and face

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