

SK801

SHALAKYA TANTRA - I

4-0-0-4

Recent Advances in Netra & Ophthalmology

1. Update advances in the development of Ayurvedic drug formulations, therapeutic procedures and treatments of Netra roga.
2. Advanced technologies in the diagnosis of eye diseases.
3. Advanced technologies & techniques in the medical & surgical management in ophthalmology.
4. Comparative and critical study of modern advances in surgical techniques over the surgical methods described in Ayurvedic classics.
5. Netra kriya kalpa procedures like seka, ashchyotana, vidalaka, pindi, tarpan, putapaka & anjana and their practical application and analysis based on ocular pharmacology.
6. Standard operative procedures for Kriyakalpas including Aushada kalpanas.
7. Knowledge of preventive and community ophthalmology along with national programme for control of blindness and role of Ayurveda.
8. Ocular trauma, its emergencies and management.
9. Ocular motility disorders and their medical and surgical management
10. Neurological and systemic disorders affecting the eyes and their management.

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SHALAKYA TANTRA - II

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Applicability of para-surgical techniques in ENT

1. General introduction of four treatment procedures like Bheshaj– Kshar – Agni– Shashtra and Raktavsechana with their applied aspects in ear, nose, throat and shiro disorders. Chaturvidha upakrama in raktasandhan vidhi related to ear, nose, throat and head disorders.
2. Removal of foreign bodies in the ear, nose, throat and shira as per Ayurveda and modern science.
3. Practical knowledge of updated surgical procedures in ear, nose and throat.
4. Haemostatic management in ENT.
5. Management of emergencies in ENT and head disorders.
6. Imaging in ENT and Head disorders.
7. Importance of shaman and sodhana therapy in ear, nose, throat and shira disorders with general introduction to local therapeutic procedures of ear nose and throat and shira e.g. kaval, gandusha etc.
8. Detailed applied knowledge of recent advanced diagnostic and therapeutic techniques and equipments (Yantra and Shashtra) used for ENT and Shira disorders.

9. Study of essential modern drugs, anaesthetic agents of diagnostic and surgical importance.
10. Descriptive knowledge of instruments and recent equipments available for diagnosis of ear – nose – throat – head disorders along with their practical application.

TEXT BOOKS/ REFERENCES:

1. Shalakya Tantra - Ramanath Dwivedi
2. Shalakya Tantra - R.C. Chaudhary
3. The Actions and uses of Indigenous Ophthalmic Drugs - N.Srikanth
4. Clinical Examination of Ophthalmic Cases - Agarwal and Gupta
5. Alder's Physiology of the Eye and Clinical Applications - Cotlier, St. Louis
6. Disease of the Lens and Vitreous, Glaucoma and Hypotony - Duke Elder, St. Louis
7. A Text Book of Ophthalmology - Ahmed E.
8. A Text book of clinical ophthalmology - Dhanda
9. Modern Ophthalmology - Dutta, L.C. Jaypee Brothers
10. Manual of the Diseases of the Eye - May,C. and Worth, C. Bailliere Tindal and Castell
11. Ophthalmology – Principles and Concepts - Newell, F.W., C.V. Mosby Co., St. Louis.
12. Ocular Differential Diagnosis - Roy Fedrick Hamptn Lea and Febiger
13. Clinical Ophthalmology - Smith, R.Vergheze Company
14. Abrahm Manual of Refraction - Duke and Elder
15. Hand Book of ophthalmology - B.M. Chaterjee
16. Hand Book of ophthalmology – Khurana
17. Clinical ophthalmology – Kanski
18. Parsons Diseases of Eye
19. Modern books related to ENT disorder
20. Diseases of Nose Throat and Ear - Bhargav Shah
21. Diseases of Nose Throat and Ear, Head and Neck EB Edr
22. A Text book of otorhinololaryngology - Scott Browns editions.
23. Text book of Ear Nose Throat diseases – Dhingra
24. Text book on ENT – Mohd. Maqboo
25. Logan Turner's book on ENT
26. Ballengers text book of ENT
27. Kumin's text book of ENT
28. Rob Smith's book of ENT surgery
29. Paprella's book of ENT
30. Hazarika's text book on ENT