

SHALAKYA TANTRA IN SUSHRUTA SAMHITA- A LITERARY REVIEW

A.K. Pandey*¹ and S.K. Tripathi²

¹Associate Professor Dept of Shalakyia Tantra Gurukul Campus UAU, Haridwar UK-249404, India.

²Professor Dept of Kaya Chikitsa Rishikul Campus UAU, Haridwar UK-249401, India.

Article Received on
19 Jan. 2017,

Revised on 09 Feb. 2017,
Accepted on 02 March 2017

DOI: 10.20959/wjpr20173-8058

*Corresponding Author

A.K. Pandey

Associate Professor Dept of
Shalakyia Tantra Gurukul
Campus UAU, Haridwar UK-
249404, India.

ABSTRACT

Shalakyia Tantra is an important branch of Ayurveda which deals with the study and treatment of diseases of eye, ear, nose, teeth, throat, head and mouth. Acharya Dalhana explained Shalakyia Tantra as- "*Shalakyah Yatkarma Shalakyam, Tat Pradhanam Tantram Shalakyam*". It means where Shalakas (rod like instruments) are used for treatment purpose and branch of Ayurveda which deals with such instruments and their uses for treatment procedures is known as Shalakyia Tantra. In present era it is scattered in various treatises of Ayurveda. Major part of Shalakyia Tantra is present in Sushruta Samhita but here it is also in scattered form. Here in this article it is our

simple effort to enlighten all those topics of Shalakyia Tantra which are present at different places in Sushruta Samhita. Our aims are to find out all the topics of Shalakyia Tantra in Sushruta Samhita and show the importance of Sushruta Samhita.

KEYWORDS: Sushruta Samhita, Shalakyia Tantra, Nidan, Roga, Bheda, Lakshana and Chikitsa.

INTRODUCTION

In words of Sushruta Samhita "*Shalakyam Nam Urdhwajatrugatanam Roganam Shrivana Nayan Vadan Ghranadi Samshritanam Vyadhinam Upashamanartham*" it means Shalakyia Tantra is the branch of Ayurveda which deals with the diseases and their treatment procedures which affects above Jatrupart (clavicle bone) like Shrivana (ear), Nayan (eye), Vadan (mouth), Ghranadi (nose etc.). When we study Sushruta Samhita we find that basic principles, surgical principles and definitions are described in Sutrasthana. Nidan part of

Mukharogas are described in Nidanshtana whereas their treatment parts are described in Chikitsasthana. Shirorogas and Netrarogas are described in Uttarasthana of Sushruta Samhita.

SHALAKYA TANTRA RELATED TOPICS IN SUSHRUTA SAMHITA SUTRASTHANA

Definition of Shalakyia Tantra, Shalakyia Tantra as a part of Ashtanga Ayurveda and Sandhana Karma of Shira (head transplantation) by Ashwinau (Ashwini brothers) are described in Vedotpatti Adhyaya. Introduction of Shalakyia Tantra is described in Adhyayana Sampradaniya Adhyaya. Classification of Chikitsa Karma (Trividha Chikitsa), importance of Shastrakarma, Ashtavidha Shastrakarma, introduction of Yantras, number of Shalaka Yantras, qualities of a Shalyaharta (surgeon), Chhedana Karma (a kind of surgical procedure) of Bhru, Gandasthala, Shankhpradesha, Lalata, Vartma, Oshtha and Dantaveshta; and Paschat Karma (postoperative procedure) are described in Agropaharaniya Adhyaya. Number of Yantras, definition of Yantras, classification of Yantras, shape of Yantras, measurement of Yantras, uses of Yantras, different type of Shalaka Yantras, Yantra Karma, Doshas of Yantras (bad quality instruments) and Prashasta Yantras (good quality instruments) are described in Yantravidhi Adhyaya. Introduction of Shastras (sharp instruments), classification of Shastras, Shastra Grahanavidhi (selection of good quality sharp instruments), shape and measurement of Shastras, Shastra Sampat (procedure of holding of sharp instruments), Shastra Dosha (defects of sharp instruments), Shastra Dhara (type of sharpness of sharp instruments), specific Shastras for specific Karma and Visravana Karma (a kind of surgical procedure) for diseases of Vartmagata (eye lids) are described in Shastravacharaniya Adhyaya. Yogya of Karnasandhana (practices of plastic surgery of ear) and clinical methods for Shalakyia Tantra are described in Yogyasutriya Adhyaya. Qualities of surgeons, Kshadvidha Pariksha (six methods to know about diseases), Sadhya (curable), Yapyia (difficult to cure) and Asadhya (uncurable) rogas (diseases), duties of surgeons, ignorance by surgeons, conversion of curable diseases to non curable stages and code of conduct for surgeons are described in Vishikhanupraveshaniyam Adhyaya. Introduction of Kshar, Kshar Karma, types and properties of Kshar, application of Kshar in mouth diseases, contraindication of Paniya Kshar in Timir roga (night blindness), application of Kshar by Shalaka Yantras and contraindication of Kshar in eye diseases except Vartmagata rogas (diseases of eye lids) are described in Ksharika vidhi Adhyaya. Nobility of Agnikarma, Dahan Upakrama (procedure of Agnikarma), Dahan Kala (time of Agnikarma), diet for patients going for Agnikarma, types of Agnikarma, specific Agnikarma for specific diseases,

empty stomach Agnikarma for mouth diseases, Agnikarma for Shiroroga and Adhimantha, Agnikarma for diseases of Bhru, Lalata and Shankha Pradesha and Agnikarma at hairs or root of hairs for Vartmarogas after covering of eyes by wet mop are described in Agnikarmavidhi Adhyaya. Methodology of pricking of Pinna and plastic surgery of auricle, nose and lips are mentioned in Karnabandhavidhi Adhyaya. Introduction of bandages, bandaging materials, types of bandages, symptoms of three types of bandages, bandaging places of three types of bandages, bandages according to Dosha, Kala and Ritu, properties of proper and improper bandages, bandaging methods as Swastika Bandha for Karna (ear), Khatwa Bandha for Hanu, Shankha and Ganda Pradesha, Vitana Bandha for Murdha, Gophana Bandha for Chibuka, Nasa and Oshtha, Panchangi Bandha for Urdhwajatru and importance of bandages in Oshthasandhana Karma are described in Vranalepana Bandha vidhi Adhyaya. Vranitagar, proper bed arrangements and code of conduct for patient are described in Vranitopasaniya Adhyaya. Easy healing wounds areas like Kapola, Oshtha, Karna and Akshakasthi and difficult healing wounds areas like Nasa, Danta, Apangapradesha and Karna are described in Krityakrityavidhi Adhyaya. Chhedana karma for Mamsasanghata, Galasundika, Adhrusha, Upadansha, Mamsakandi and Adhimamsa, Bhedana Karma for Kumbhika, Vrinda, Talupupputa, Dantapupputa, Tundikeri, Gilayu and Mukhapaka, Lekhya Karma for Rohini, Upajihvika, Dantavidarbha, Granthiroga, Vartma roga and Adhijihvika, Aharya Karma for Dantasharkara, Dantamala and Karnamala and Visravaya Karma for Karnapali roga, Saushir, Galashalooka, Talukantaka, Krimidanta, Dantaveshta, Upakusha, Sheetada, Dantapupputa, Pittarakta and Kaphaja Oshtha rogas are described in Ashtavidhashastrakarmiya Adhyaya. Extraction method of foreign body of throat is described in Shalyapanayaniya Adhyaya. Importance of Danta, Mukha, Lalata, Netra, Bhru, Karna and Mastiska for assessment of age and measurement of different body parts as Danta, Nasaputa, Netra, Mukha, Nasavansha, Karna, Lalata, Drishtimandala, Griva, Netra Ayam, Krishna Mandala, Drishti Mandala etc. are described in Aturopakramaniya Adhyaya. Some drug combinations as Ganas like Varunadigana for headache, Surasadi and Pippalyadigana for Pratishtyaya, Anjanadi, Nyagrodhadi, Valli, Kantaka and Trinapanchamulagana for Raktapitta, Tryushanagana for Pinasa and Triphala and Amalakyadigana for eye disorders are described in Dravyasangrahaniya Adhyaya. Shirovirechaka dravyas are described in Samshodhanasamshamaniya adhyaya. Madhur Rasa is good for eyes and six Indriyas, excessive use of Madhur Rasa causes Swaranasha (aphonia), Mukhamadhurya, Galaganda (goitre) and Abhishyanda (conjunctivitis); excessive use of Amla Rasa causes Dantaharsha, Netrasankocha and Kanthadaha; excessive use of Lavana Rasa causes Mukha and Netrapaka;

excessive use of Katu Rasa causes Talu and Oshtha Shotha; excessive use of Tikta Rasa causes Manyastambha, Akshepaka, Ardita, Shirahshoola, Bhrama, Toda, Bheda, Chheda and Virasata and excessive use of Kashaya Rasa causes Mukhashosha, Vakyagraha and Manyastambha are described in Rasavisheshavigyaniya Adhyaya. Milk and milk products as Purana Sarpi for diseases of Karna, Netra, Shira; Goghrita, Ajaghrita, Strighrita and Ksheeraghrita for diseases of eye, Sarpimannda for diseases of Karna, Netra and Shira, Stridugdha for Nasya and Aschyotana Karma, Hastinidugdha and Stri Dadhi for Netra roga are described in Dravadravyavidhi Adhyaya.

SHALAKYA TANTRA RELATED TOPICS IN NIDANSTHANA

Vataja rogas as Badhira, Karnashoola, Mooka, Minmina, Gadgada and Manyastambha are described in Vatavyadhi Nidan Adhyaya. Ayatanas of Mukha, classification of Mukharoga as eight Oshthagatarogas, fifteen Dantamoolagatarogas, eight Dantagatarogas, five Jihwagatarogas, nine Talugatarogas, seventeen Kanthagatarogas, three Sarvagata rogas, Nidana and Samprapti of Mukharogas are described in Mukharoganam Nidanam Adhyaya.

SHALAKYA TANTRA RELATED TOPICS IN SHARIRASTHANA

Effect of Tejodhatu on Netra in Garbha is described in Shukrashonitashuddhishariradhyaya. Number and Pramana (measurement) of Urdhwajatrugata Sandhi, Snayu and Peshis are described in Sharirsankhyavyakarana Shariradhyaya. Number, types, Pramana and traumatic of Urdhwajatrugata Marmas (vital parts) are described in Pratyekamarmanirdesha Shariradhyaya. Number and types of Urdhwajatrugata Shiras are described in Shiravarnavibhakti Shariradhyaya. Methodologies of Vedhana Karma of Urdhwajatrugata Shiras are described in Shiravyadhavidhi Shariradhyaya.

SHALAKYA TANTRA RELATED TOPICS IN CHIKITSASTHANA

Shirovirechana Karma, Nasya Karma, Kawaladharana Karma, Vranadhoopana Karma as Rakshavidhana and Eshana Karma for foreign bodies of eye lids are described in Dwivraniya Chikitsa Adhyaya. Symptoms and treatment for Nayanabhighata and application of Balavarti in Shirah Shalya are described in Sadyavrana Chikitsa Adhyaya. Symptoms and treatment for Grivabhagna (fracture and dislocation of cervical vertebrae), Hanusandhi Vishlesha (dislocation and fracture of jaw), Antah Pravishta Nasa (fracture of nasal bone), Bhagna Karma (auricular trauma) and Kapala Bhagna (head injury) are described in Bhagna Chikitsa Adhyaya. Nidana, Samprapti, Lakshana and Chikitsa of Manyastambha (torticollis), Arditavata (facial paralysis) and Karnashoola (otalgia) are described in Mahavatavyadhi

Chikitsa Adhyaya. Types, symptoms and treatment of Galaganda (goitre) are described in Granthapachyarbudaganda Chikitsa Adhyaya. Types, symptoms and treatment of Mukharogas like eight types of Oshtharogas (diseases of lips), fifteen types of Dantamoolagatarogas (diseases of gums), eight types of Dantagatarogas (diseases of teeth), five types of Jihwagatarogas (diseases of tongue), nine types of Talugatarogas (diseases of palate), seventeen types of Kanthagatarogas (diseases of throat) and three types of Sarvasar rogas (stomatitis) are described in Mukharoga Chikitsa Adhyaya. Symptoms and treatment of five types of Krnapaligatarogas (diseases of auricles) like Utpata, Paripota, Unmantha, Dukhavardhana and Parilehi; and Karnapalivardhana Taila are described in Mishraka Chikitsa Adhyaya. Types, methodology, indications and contraindications of Dhoomapana, Nasya, Kavalagraha and Gandusha are described in Dhoomanasyakavalagraha Chikitsa Adhyaya.

SHALAKAYA TANTRA RELATED TOPICS IN UTTARASTHANA

Anatomy of eye, measurement of Netragolaka, number of Mandals, Patals and Sandhis, Panchabhautikata of Netra, Netrabandhana, Ashrayas of Timir rogas, Purvaroopas of Netra rogas, Adhistanas of Prakupita Doshas, Chikitsa Sutra of Netra rogas, Nidana of Netra rogas, Nidana of Netra rogas, classification of Netra rogas according to Doshas, classification of Netra rogas according to places and Sadhyasadyata of Netra rogas according to Doshas are described in Aupadravika Adhyaya. Nidana, Samprapti and Lakshana of Sandhigata rogas are described in Sandhigata Rogavigyaniya Adhyaya. Nidana, Samprapti and Lakshana of Vartmagata rogas are described in Vartmagata Rogavigyaniya Adhyaya. Nidana, Samprapti and Lakshana of Shuklagata rogas are described in Shuklagata Rogavigyaniya Adhyaya. Nidana, Samprapti and Lakshana of Krishnagata rogas are described in Krishnagata Rogavigyaniya Adhyaya. Nidana, Samprapti and Lakshana of Sarvagata rogas are described in Sarvagata Rogavigyaniya Adhyaya. Nidana, Samprapti and Lakshana of Drishtigata rogas are described in Drishtigata Rogavigyaniya Adhyaya. Four types of Shastrakarma (surgical procedures) for Netra rogas (eye diseases), Chhedyas Netra rogas, Bhedyas Netra rogas, Lekhyas Netra rogas, Vyadhya Netra rogas, Ashastrakritya Netra rogas, Yapyas Netra rogas and Asadhya Netra rogas are described in Chikitsaprabandha Vigyaniya Adhyaya. Treatment for Vatabhishyanda and Vatadhimantha, Sechanadi Karma, Vedanadihar Netrabindu, Anjana, Gutikanjana, Snehanjana, specific treatment for Anyatovata and Vataviparyaya, treatment for Shushkapaka and Chikitsa Sutra for Vataja Netra roga is described in Vatabhishyanda Adhimantha Pratishedha Adhyaya. Treatment for Pittabhishyanda and Pittadhimantha,

Tarpana, Nasya, Seka, Anjana, Rasakriya, Churnanjana, Ashchyotana, treatments for Amladhyushita, Shukti and Dhoomdarshi rogas are described in Pittabhishyanda Pratishedha Adhyaya. Treatment for Shleshmabhishyanda and Shleshmadhimantha, Swedana and Anulepana Karma, Vartyanjana, Ksharanjana for Balasagrathita, Anjana for Pishtaka roga, Vartakadi Anjana and Yoganjana for Praklinnavartma are described in Shleshmabhishyanda Pratishedha Adhyaya. Treatment for Raktabhishyanda and Raktadhimantha, Siravyadha Karma, Ashchyotana Karma, Patalyadi Anjana, Chandanadi Anjana, specific treatments for Sirotkata, Siraharsha, Arjuna, Savrana Shukra, Ajakajata, Puyalasa and Praklinnavartma, Arjunahar Anjana, Anjana for Netrapaka and Ashchyotana for Praklinnavartma are described in Raktabhishyanda Pratishedha Adhyaya. Methodology for Vartma Lekhana Karma- Purva, Pradhana and Pashchat Karma, symptoms and treatments for Samyak (proper) Likhita Vartma, Durlikhita Vartma, Alikhita Vartma, Chhedanapurvaka Lekhana and Bhedanapurvaka Lekhana are described in Lekhyaroga Pratishedha Adhyaya. Treatments for Anjananamika, Krimigranthi, Lagana, Bisagranti and Upanaha are described in Bhedyaroga Pratishedha Adhyaya. Treatment of Arma, Shalya Karma Vidhi of Arma- Purvakarma, Pradhanakarma and Pashchat Karma, treatment of Alpa Arma, symptoms of Chhedaniya Arma and Samyak Chhinna Arma, Chhedana Vidhi of Shirajala and Shirapidika, Chhedana Vidhi of Parvani and treatments of all these rogas are described in Chhedyaroga Pratishedha Adhyaya. Treatment of Pakshmakopa as Shastra Karma, Agni karma and Kshara Karma is described in Pakshmakopa Pratishedha Adhyaya. Nidana of Kapha and Pitta Vidagdha Drishti, Anjana Yogas like Pushpanjana for Kapha and Pitta Vidagdha Drishti, Churnanjana, Kalkanjana for Diwandhya, Yakrita Yoga for Ratryandha, Shodhana Karma for Timir Roga, Nasya Karma for different type of Timir Rogas, Rasakriya for Paittika Kacha, Nasya kala for Timir Roga, diet management for Timir Roga, Sadhyasadyata of Timir Roga, Shastrakarma Vidhi for Linganasha, Samyak Vedhana Lakshana, Paschat Karma (post surgical management), Lekhana Karma, Samyak Likhita Lakshana, Shastrakarma Nishedha (contraindications), Anyatra Vedha Chikitsa (management for surgical complications), Linganasha Vedhani Shalaka (instrument for cataract surgery), good and bad qualities of Linganasha Vedhani Shalaka and Shiramokshana Karma for Netra Shoola are described in Drishtiroga Pratishedham Adhyaya. Types of Netra Kriyakalpa like Tarpana, Putapaka, Seka, Ashchyotana and Anjana; Netra Tarpana Vidhi, symptoms of Samyak Tarpana, Atitarpana and Hina Tarpana; treatment for Atitarpana and Hina Tarpana, Netra for Tarpana Karma, contraindication for Tarpana Karma, introduction of Putapaka, types of Putapaka, regimen of Putapaka, indications and contraindications during Putapaka, methodology of Putapaka,

Purva and Paschat Karma of Tarpana and Putapaka, introduction of Ashchyotana And Seka, types of Ashchyotana and Seka, regimen of Ashchyotana and Seka, introduction of Shirobasti, properties of Shirobasti, methodology of Shirobasti, regimen of Shirobasti, introduction of Anjana, types of Anjana, properties of Anjana, different types of Anjana Patra (container), different types of Anjana Shalakas, methodology of Anjana Karma, regimen of Anjana, indications and contraindications of Anjana and different types of Anjanas are described in Kriyakalpam Adhyaya. General symptoms of Nayanabhighat (ocular trauma), Sadhyasadhyata (prognosis) of Nayanabhighat, treatment of Nayanabhighat, introduction about Kukunak roga, symptoms and treatment of Kukunaka roga, different types of Anjana for Kukunak roga and Anjana for childhood Shukla roga (corneal opacity) are described in Nayanabhighata Pratishedha Adhyaya. Introduction, classification and aetiopathogenesis of Karnaroga, symptoms of Karnashoola, Karnanada, Karnabadhira, Karnakshweda, Karnasamsrava, Karnakandu, Karnagootha, Karnapratinaha, Krimikarna, Karnavidradhi, Karnapaka, Putikarna, Karnarsha and Karnarbuda are described in Karnagata roga Vigyaniya Adhyaya. General treatment of Karnaroga, Karnashoolahar Snehana and Swedana Karma, Balataila for Karnaroga, some Yogas for Karnaroga like Kukkuta Vasa, Chaturvidha Sneha, Ardraka Swarasa, Karnashoolahar ghrita, Dipika Taila, Arkankur Swarasa, Ashtamutra, Bilvadi Taila, Panchaksheeri Kwatha and Shaivaladi Taila are described in Karnaroga Pratishedham Adhyaya. Nidan, Samprapti, Bheda and Lakshana of nasal diseases like Apeenasa, Putinasya, Nasapaka, Shonitapitta, Puyashonita, Kshawathu, Bhranshathu, Diptaroga, Nasapratinaha, Nasaparisrava, Nasashosha, Nasarsha, Shopha and Arbuda are described in Nasagataroga Vigyaniya Adhyaya. Treatment of nasal diseases like Apeenasa, Putinasya, Nasapaka, Putinasya, Kshawathu, Bhranshathu, Diptaroga, Nasanaha, Nasasrava and Nasashosha are described in Nasagataroga Pratishedha Adhyaya. Nidan, Poorvaroop, Bheda, Lakshana and treatment of Pratishtyaya are described in Pratishtyaya Pratishedha Adhyaya. Name, Bheda, Nidan, Samprapti and Lakshana of Shirorogas are described in Shiroroga Vigyaniya Adhyaya. Treatments of Shirorogas are described in Shiroroga Pratishedha Adhyaya.

Sr. No.	Topic	Reference
1.	Definition of Shalakya Tantra, Sandhan Karma of head(head transplantation)	Sutrasthana 1/25
2.	Introduction of Shalakya Tantra	Sutrasthana 3/31-34-44
3.	Chhedana Karma(a kind of surgical procedure) of Bhru, Gandasthala, Shankhapradesh, Lalata, Vartma, Oshtha and Dantaveshta	Sutrasthana 5/13

4.	Introduction of Shalaka Yantras	Sutrasthana 7/6,12,15
5.	Vishravana Karma(a kind of surgical procedure) for diseases of Vartmagata	Sutrasthana 8/4-5
6.	Yogya of Karnasandhana (practices of plastic surgery of ear)	Sutrasthana 9/4
7.	Application of Kshar in mouth diseases	Sutrasthana 11/7
8.	Uses of PaniyaKshar in Timir roga	Sutrasthana 11/9
9.	Application of Kshar by Shalaka Yantras	Sutrasthana 11/20
10.	Contraindication of Kshar in eye diseases except Vartmagata roga	Sutrasthana 11/31
11.	Empty stomach Agnikarma in mouth diseases	Sutrasthana 12/6
12.	Agnikarma in diseases like Shiroroga and Adhimantha	Sutrasthana 12/9
13.	Agnikarma in diseases of Bhru, Lalata and Shankhapradesh	Sutrasthana 12/9
14.	Agnikarma in Vartmagata roga after covering of eyes by wet sponge at hairs or root of hairs	Sutrasthana 12/9
15.	Methodology of pricking of pinna and plastic surgery of auricle	Sutrasthana 16/1-54
16.	Easy healing wounds areas like Kapola, Oshtha, Karna and Akshakasthi	Sutrasthana 23/5
17.	Difficult healing wounds areas like Eye, Nasa, Danta, Apangapradesh and Karna	Sutrasthana 23/6
18.	Chhedana Karma for Mamsasanghata, Galashundika, Adhrusha, Upadansha, Mamsakandi and Adhimamsa	Sutrasthana 25/3-4
19.	Bhedana Karma for Kumbhika, Vrinda, Talupupputa, Dantapupputa, Tundikeri, Gilayu and Mukhapaka	Sutrasthana 25/5-8
20.	Lekhya Karma for Rohini, Upajihvika, Dantavidarbha, Granthi roga, Vartma roga and Adhijihvika	Sutrasthana 25/9
21.	Aharya Karma for Dantasharkara, Dantamala and Karnamala	Sutrasthana 25/11
22.	Visravaya Karma for Karnapali roga, Saushir, Galashalook, Talukantaka, Krimidanta, Dantaveshta, Upakusha, Sheetada, Dantapupputa, Pittarakta and Kaphaja Oshtha roga	Sutrasthana 25/12-15
23.	Extraction method for foreign body of throat	Sutrasthana 27/14
24.	Importance of Danta, Mukha, Lalata, Netra, Bhru, Karna and Mastiska in assessment of age	Sutrasthana 35/4
25.	Measurement of different body parts as Danta, Nasaputa, Netra, Mukha, Nasavansha, Karna, Lalata, Drishtimandala, Griva, Netra Ayama, Krishna Mandala, Drishti Mandala etc.	Sutrasthana 35/13-14
26.	Purana Sarpi useful for diseases of Karna, Netra and Shira; Medhya and Timirnashak	Sutrasthana 45/107
27.	Stri Ghrita and Ksheera Ghrita for diseases of eye	Sutrasthana 45/103,105
28.	Sarpimanda useful for diseases of Karna, Netra and Shira; Nasya Karma and Netra Tarpana	Sutrasthana 45/106
29.	Stri Dugdha useful for Nasya and Ashchyotana Karma	Sutrasthana 45/57
30.	Hastini Dugdha useful for Netra roga	Sutrasthana 45/58
31.	Stri Dadhi useful for Netra roga	Sutrasthana 45/73

32.	Vataja roga as Badhirya, Karnashoola, Mooka, Minmin and Gadgada roga	Nidanasthana 1/83-85
33.	Nidana, Samprapti, Bheda and Lakshana of Mukharoga	Nidanasthana 16/3-68
34.	Effect of Tejodhatu on Netra in Garbha	Sharirasthana 2/38
35.	Number and Pramana of Urdhwajatrugata Sandhi, Snayu and Peshis	Sharirasthana 5/21, 22,30,48
36.	Number, types and Pramana of Urdhwajatrugata Marmas	Sharirasthana 6/3-44
37.	Number and types of Urdhwajatrugata Shiras	Sharirasthana 7/7-8, 24-25
38.	Methodology of Vedhana Karma of Urdhwajatrugata Shiras	Sharirasthana 8/3-26
39.	Shirovirechana Karma, Nasya Karma, Kawal dharana Karma and Vrana for Dhoopana Karma	Chikitsasthana 1/8-9
40.	Symptoms and treatment for Nayanabhighata and application of Balavarti in Shirahshalya	Chikitsasthana 2/42-44
41.	Symptoms and treatment for Grivabhagna(fracture and dislocations of cervical vertebrae), Hanusandhi Vishlesha (dislocation and fracture of jaw), Antahpravishta Nasa(fracture of nasal bone), Bhagnakarna(Auricular trauma) and Kapalabhagna (head injury)	Chikitsasthana 3/37-46
42.	Types, symptoms and treatment of Galganda (Goitre)	Chikitsasthana 18/43-55
43.	Types, symptoms and treatment of Mukharoga	Chikitsasthana 22/3-81
44.	Types, symptoms and treatment of Karnapaligata roga	Chikitsasthana 25/3-27
45.	Types, methodology, indications and contraindications of Dhoopana, Nasya and Kavalgraha	Chikitsasthana 40/3-71
46.	Panchbhautikata and Ayama of Netra, Netrabandhana, Mandala, Patala and Sandhi	Uttarasthana 1/10-19
47.	Nidana, Samprapti, Purvaroop, Lakshana and Samanya Chikitsa of Netra roga	Uttarasthana 1/20-27
48.	Classification of Netra roga	Uttarasthana 1/28-43
49.	Nidana, Samprapti and Lakshana of Sandhigata roga.	Uttarasthana 2/3-9
50.	Nidana, Samprapti and Lakshana of Vartmagata roga	Uttarasthana 3/3-29
51.	Nidana, Samprapti and Lakshana of Shuklagata roga	Uttarasthana 4/3-9
52.	Nidana, Samprapti and Lakshana of Krishnagata roga	Uttarasthana 5/3-10
53.	Nidana, Samprapti and Lakshana of Sarvagata roga	Uttarasthana 6/3-30
54.	Nidana, Samprapti and Lakshana of Drishtigata roga	Uttarasthana 7/3-45
55.	Sadhyasadyata of Netra roga, Chhedya, Bhedya, Lekhya, vedhya and Yapy roga	Uttarasthana 8/3-8
56.	Chikitsa of Vatabhishyanda	Uttarasthana 9/3-25
57.	Chikitsa of Pittabhishyanda	Uttarasthana 10/3-16
58.	Chikitsa of Shleshmabhishyanda	Uttarasthana 11/3-19
59.	Chikitsa of Raktabhishyanda	Uttarasthana 12/3-53
60.	Chikitsa of Lekhya roga	Uttarasthana 13/3-18
61.	Chikitsa of Bhedya roga	Uttarasthana 14/3-14
62.	Chikitsa of Chhedya roga	Uttarasthana 15/3-33
63.	Chikitsa of Pakshma kopa	Uttarasthana 16/3-9
64.	Chikitsa of Drishtigata roga	Uttarasthana 17/3-99
65.	Details about Netra Kriyakalpa	Uttarasthana 18/4-105

66.	Chikitsa of Nayanabhighata(ocular injury), Nidan,Samprapti, Lakshana and treatment of Kukulaka roga	Uttarasthana 19/3-19
67.	Nidana, Samprapti, Bheda and Lakshana of Karnagata roga	Uttarasthana 20/3-16
68.	Chikitsa of Karnagata roga	Uttarasthana 21/3-58
69.	Nidana, Samprapti, Bheda and Lakshana of Nasagata roga	Uttarasthana 22/3-21
70.	Chikitsa of Nasagata roga	Uttarasthana 23/3-12
71.	Chikitsa of Pratishtyaya	Uttarasthana 24/3-42
72.	Nidana, Samprapti, Bheda and Lakshana of Shiroroga	Uttarasthana 25/3-17
73.	Treatment of Shiroroga	Uttarasthana 26/45

DISCUSSION AND CONCLUSION

Definition, introduction, basic principles, code and conduct for surgeons, Yantra Karmas, Shastra Karmas, Agni Karmas, Kshar Karmas, concept of cosmetic surgeries, bandaging procedures for wounds, qualities of surgeons, Vranitagar (concept of hospital), code and conduct for patient and hospital, surgically treatable diseases, foreign body extraction methodologies, measurement of body parts and their importance, drug combination like Ganas and Rasas are described in Sutrasthana of Sushruta Samhita. Some rogas like Badhirya, Karnashoola, Mooka, Minmin, Gadgada and Manyastambha, Ayatanas of Mukha, Nidan and Sampapti of Mukha rogas are described in Nidansthana of Sushruta Samhita. Blindness due to effect of Tejodhatu (a concept of genetic disorder), number and measurement of Sandhi, Snayu and Peshis relating to Urdhwajatrugata part; number, types, pramana and traumatic effect of Urdhwajatrugata Marmas and number, types and Vedhana Karmas of Urdhwajatrugata Shiras are described in Sharirasthana of Sushruta Samhita. Shirovirechana, Nasya, Kawaldharana, Vranadhoopana, Dhoomapana, Gandusha, Rakshavidhana and Eshana Karmas; symptoms and treatment of Nayanabhighata; symptoms and treatment of Grivabhagna, Hanusandhi Vishlesha, Antah Pravishtha Nasa, Bhagna Karna, Kapala Bhagna, Manyastambha, Arditavata, Karnashoola, Galganda (goitre), Mukharogas, Karnapaligata rogas are described in Chikitsasthana of Sushruta Samhita. Anatomical part of eye, classification of diseases of eye, Nidan, Samprapti, Lakshana and treatment of Netra rogas, Kriyakalpas, Nayanabhighata (trauma in eyes), introduction, classification, aetiopathogenesis, symptoms and treatment of Karna rogas (diseases of ear), introduction, classification, aetiopathogenesis, symptoms and treatment of Nasagata rogas (diseases of nose), introduction, classification, symptoms and treatment of Shirorogas (diseases of head) are described in Sushruta Samhita. After going through all the topics we can say that Shalakyia Tantra in Sushruta Samhita is in a scattered manner but all concerning topics of

Shalaky Tantra is present in Sushruta Samhita. So it is the first treatise in present era having voluminous knowledge of Hetu, Ling and Aushadha of Shalaky tantra.

REFERENCES

1. Sushruta Samhita: (Motilal Banarasidas) by *Vd. Atridev Gupta*, 1984.
2. Sushruta Samhita: Text in Sanskrit with English Translation (Chowkhambha Sanskrit series) by *Kaviraj Kunjalal Bhishagratna* and *Laxmidhar Dwivedi* July, 1998.
3. Sushruta Samhita: Text with English Translations (Chowkhambha Sanskrit series) by *Kaviraj Bhishagratna* and *Jyotir Mitra* December, 1999.
4. Illustrated Sushruta Samhita. (Chowkhambha Orientalia) by *Prof. K.R. Srikantha Murthy*, 2012; 3.
5. Sushruta Samhita:(Chowkhambha Vishwabharati) by *Dr. P.V. Sharma*, 2013.
6. Sushruta Samhita: I &II(Chowkhambha Sanskrit Sansthan) by *Ambikadatta Sastri*, 1013-14.
7. Sushruta Samhita: I,II & III (Chowkhambha Surabharati Prakashan) by *Dr. Anantram Sharma*, 2015.
8. Sushruta Samhita (ancient Indian surgery): (Chowkhambha Sanskrit Pratisthan) by *Prof. G.D. Singhal*, 2015.
9. Sushruta Samhita of Sushruta with Nibandhasangraha commentary of Sri Dalhanacharya: (Chowkhambha Sanskrit Sansthan) by *Vd. Yadavji Trikamji Sharma Acharya* reprint, 2015.