Salyathanthram

SCHEME OF EXAMINATION:

Terms & Periodical exams

It is proposed to divide the $1-\frac{1}{2}$ years of professional course into three terms as envisaged by DAME. The three terms, study leave & periodical exams can be as follows:

	Term 1 : Classes for 6 months, including examination & result
	Term 2 : Classes for 6 months, including examination & result
	Term 3 : Classes for 4 months including model examination & result.
	Study leave + Universrity Exam for 2 months
	University Examination process 2 months
	Total : 18 months
Total	: 18 months
	- Terminal exams should include viva.
	- Examinations should be completed within the period of 18 months as stipulated by CCIM

Third terminal exam may be conducted as model exam.

1. Goal

The goal of the teaching of undergraduate students in salytantra is to produce graduates capable in +diagnosing the surgical diseases and able to do minor surgery.

2. Objective

3. Knowledge

At the end of the course the student shall be able to:

- 1. Describe nidana, samprapthi, principles of the diagnosis and management of common surgical problems
- 2. Define sepsis disinfection and sterilization
- 3. Describe common malignancy and their management including prevention
- 4. Describe different types of anesthesia and their complications.

4. Skills

At the end of the course the student shall be able to:

- 1) Diagnose the common surgical conditions both acute and chronic.
- 2) Plan various laboratory tests for surgical conditions and interpret their results.
- 3) Identify and manage patients of shock
- 4) Provide primary care to patients of burns
- 5) Acquire principles of operative surgery includes preoperative, operative, post operative cure and monitoring.
- 6) Treat open wounds including preventive measures against tetanus and gangrene
- 7) Identify congenital anomalies and refer them for management
- 8) Incise and drain abscess
- 9) Suturing
- 10) Excision of simple cyst and tumors

- 11) Biopsy of surface malignancy
- 12) Catheterization
- 13) Anal dilatation
- 14) Diagnostic proctoscopy
- 15) Ksharasutra therapy in piles and fistula.
- 16) Various types of Bandages
- 17) Wound dressing
- 18) Suturing
- 19) First Aid
- 19) Panchakarma
- 20) Instruments
- 21) Essential Drugs
- 21) Drugs identification
- 22) Raktha Moksha
- 23) X-ray, MRI, CT Scan, EEG, ECG
- 24) Emergency management
- 25) Shashtirupakramam
- 26) Haemostatic methods
- 27) Sasthrakarma
- 28) IV fluids
- 29) Kshara soothra Nirmanam
- 30) Relevant Investigations etc.

5. Details of teaching

Duration	:	18 months
Total number of hours		
Lecture	:	210 hours
Clinical Practicals	:	225 hours
(Innovative session,	Project	work, Seminars, Discussion etc.)

The subject is divided into modules to make it convenient for the pupils and teaching faculty and it can be finished with in the stipulated time.

- Contents of the syllabus for the Salyathanthra Paper I and II is divided into 15 modules for 14 hours each.
- Modules 1,2,3, 8 and 12 (70 hours in 4 months) are fixed and expected to be covered for the first Periodic examination. (Modules 1, 2,3 will be the part A and 8th and 12th modules will constitute Part B for First periodical examination)
- Modules 4,5,6,7 and 10 (70 hours in 4 months) are fixed and expected to be covered for the Second periodical examination.
 (Modules 4,5, will form part A modules 6,7,10 will constitute part B)
- Modules 9,11,13,14 and 15 (70 hours in 4 months) are fixed and expected to be covered for the Third periodical examination.

(Modules 9,11,13 included in Part A, 14,15 will be in part B)

6. Assignment

Each student will be assigned by the Department with a topic/subject at the end of the first month in the Third Professional Junior class. One copy of the assignment should be submitted to the Department on the first day of the First Periodic Examination (viva-voce). The assignment should be typed or hand – written, not less than 20 pages [each page comprising 18-20 lines]. Every student has to present the subject during the Second Semester in the Departmental Seminar sessions as per the schedule fixed. The assignment will be evaluated and graded as:

A= Outstanding B = Average C = Below Average

7. Practical Records

Practical Records for Salyathanthra Paper I and II will have three parts. 10 filled – in and completed clinical case records for paper I plus descriptions and diagrams of surgical instruments will form the Part 1. 10 filled – in and completed clinical case records for Paper II Plus descriptions and diagrams of bhagnas and bandages will be there in Part 2. 10 filled-in clinical case records from General Surgery plus descriptions of anusastrakarmas will be included in part 3. Practical Records containing 3 parts shall be submitted as a single bound volume.

8.

There will be one Paper for each Periodic Examination. Each Paper consists of Theory Examination for 100 Marks [Part A & B], and Practical and Oral Examinations for 50 Marks [30 + 20]. After evaluation, Marks will be published by the Department.

9.

A model question paper/bank for the first Periodic Examination is prepared and set in the work shop. Actual Question Bank will (can) be prepared with the contributions from the Salyathanthra Departments of all the Ayurveda Colleges.

III Professional BAMS

Salyathanthra Paper I & II

Modules & Details

Duration of the Course	:	18 Months
Total lecture classes allotted [CCIM]	:	210 Hours
Number of Modules fixed for the Course	:	15 Modules
Number of hours fixed per Module	:	14 Hours

Break up details of the 15 Modules and Contents

SALYATHANTHRA Paper I Part -A

Module 1

Salyathanthrasya utapthi, Paramparaa, vikaasa,		
Salyathanthra praadhaanyam	:	1 hr
Susrutha vichaara, Dhanwanthari vichaara,		
Commentaries of Susrutha samhitha, other details	:	1 hr
Salyathanthrasya hraasakaaranaani,		
Utkarshaartham,Upaayaah	:	1 hr
History of the development of		
Modern Surgery and Anaesthesia	:	1 hr
Vyaadhiprakaaraah, Nija-Aaganthu vibhaaga,		
saadhya-asaadhya bheda, Shalyatantrasaadhya vyaadhayah	:	1 hr
Vranasopha–Vidradhi: nirukti, nidaana, sampraapti prakaaraah,		
laxanaani, upadrava, avastha, vranasopha pareeksha	:	4 hrs
Sapta upakarmaah, shashtirupakramaah	:	4 hrs

Inflammation	:	1 hr
Total	:	14 hrs

Module 2

Vrana: nirukti, hetu, prakaaraah: nija-aagantu sudha-dusta, rohitavrana, shodashaprakaaraah	:	2 hrs
Vranapareeksha, sthaana, aakruti, vranasraavagandha, vedana, astavranavasthu, adhishtaana upadrava, saadhyaadhyata	:	2 hrs
Ulcer: definition, classification, clinical features examination of ulcers, wound healing, stages, scar formation	:	2 hrs
Naadeevrana, prakaarah, lakshanaani, chikitsa sinus, clinical features, methods of examination	:	2 hrs
Aagatuvrana, nidaana, prakaaraah, lakshanaani, dushti, kodha, upadrava (apataanaka-visarpa etc) chikitsa, shalyanirharana, sadyovranasudhi, saptavidhachikitsa, seevanaadi chikitsa	:	4 hrs
Raktasraava: Ayurvedic aspects, management	:	1 hr
Haemorrhage: clinical features, management basics		
of blood transfusion	:	1 hr
Total	:	14 hrs
Module 3		
Marmaaghaata, lakshanaani, (incl: pathogenesis) chikitsa,		
vishishta chikitsa	:	3 hrs
Shock in surgical practice	:	1 hr
Body fluids, balance, parenteral nutrition	:	1 hr
Pranashtashalya vijnanam	:	2 hrs

Total	:	14 hrs
Shalyanirharana: ancient and current methods	:	2 hrs
Radiotherapy: Principles and practices	:	1 hr
X-Ray, USG, CT, MRI and other techniques of Imageology	:	4 hrs

Salyathanthra Paper 1 Part – B

Module 4

Agropaharaneeyam	:	1 hr
Yantra, shastra, paayana, dhaara, guna, dosha, Surgical		
instruments in current practice, vishikhaa	:	3 hrs
Pichu, plotha, kabalika (surgical dressings etc.)	:	1 hr
Bandhana vidhi, shodhana-ropana dravyas	:	2 hrs
Yogyaasoothreeyam	:	1 hr
Anaesthesia: types; General, Regional, agents used premedication, stages, complications, management		
Historic aspects of samgyaharan in Ayurveda	:	2 hrs
Ashtavidha shastrakarma, poorvakarma (pre-op) pradhaanakarma (operative procedures), introduction		
to theatre techniques and surgical procedures	:	4 hrs
Total	:	14 hrs
Module 5		

Pashchaatkarma (post-op), rakshaakarma,		
vranithopaasaneeyam, pathyaapathyam, aachaarika vidhi	:	2 hrs
Vishishta shastrakarmaanusaari pashchaatkarma		
(post-operative care for specific operations)	:	1 hr

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Kshaara karma chikitsaa vidhi	:	2 hrs
Agni karma chikitsaa vidhi	:	1 hr
Pramaada dagdha (Ayurvedic aspects)	:	1 hr
Burns, scalds and other thermal injuries	:	1 hr
Raktamoksha: techniques, indications, classification (shastra-anushastra), details and descriptions	:	3 hrs
Sandhaanakarma vidhi (Plastic surgery)	:	2 hrs
Surgical infections	:	1 hr
Total	:	14 hrs

Salyathanthra Paper II Part – A

Module 6

Arbuda: vargeekaranam, Chikitsa (Ayurveda)	:	2 hrs
Grandhi: vargeekarnam, chikitsa (Ayurveda)	:	1 hr
Neoplasms: benign, malignant Cancers: classification and management	:	2 hrs
Laseekaavikaaraah (sleepada, apachi, gandamaala), Diseases of lymphatics (Modern)	:	3 hrs
Siraavikaaraah – Diseases of the veins diagnosis, management (Modern)	:	2 hrs
Dhamaneevikaaraah – Diseases of the arteries diagnosis, management (Modern)	:	4 hrs
Module 7		
Snaayuvikaaraah (Diseases of tendons) diagnosis,		
management (Modern)	:	1 hr

Twak vikaarah (Kshudrarogaah)- lakshnaani, chikitsa (Ayurveda)	:	5 hrs
Asthivikaaraah – lakshanaani, chikitsa (surgical diseases of the bones) (Ayurveda and Modern)	:	4 hrs
Sandhivikaaraah – lakshnaani, chikitsa (surgical diseases of the joints) (Ayurveda and Modern)	:	4 hrs
Module 8		
Bhagna – definition, classification, lakshanaani, principles of management (General), specific management of fractures (Ayurvedic and Modern)	:	10 hrs
Sandhimuktam – definition, classification, lakshana principles of management (General), specific management of dislocated joints (Ayurveda and Modern)	:	4 hrs
Total	:	14 hrs
Module 9		
Sirovikaaraah — surgical diseases, head injuries etc. diagnosis, management	:	3 hrs
Manyaavikaaraah — jacaranda, manyaasthambha other surgical diseases of the neck (Modern) diagnosis, management Urobhaagavikaaraah — sthanarogaah-pupfusarogaah	:	3 hrs
urobhaagashopha – raajayakshma diagnosis, management	:	8 hrs
Total	:	14 hrs

Salyathanthra Paper II Part – B

Module 10

Udararogaah – classification, shalyasaadhya-udararogaah, lakshnaani, chikitsa (Ayurvedic) Diseases of the abdomen – diagnosis, management, abdominal injuries, acute abdomen etc. (Modern) Annanalika vikaarah (Modern) diagnosis and management	: : :	3 hrs 7 hrs 4 hrs
Total	:	14 hrs
Module 11		
Aamaashayavikaaraah – lakshanaani, chikitsa (Modern)	:	6 hrs
Kshudrantravikaaraah – lakshanaani, chikitsa (Modern)	:	2 hrs
Brihadaantravikaaraah – lakshanaani, chikitsa (Modern)	:	6 hrs
Total	:	14 hrs
Module 12		
Gudavikaaraaah – lakshanaani, chikitsa (Ayurvedic)	:	5 hrs
Diseases of the Rectum and Anal canal (Modern)- clinical features, diagnosis and management	:	5 hrs
Diseases of the Liver (Modern) – clinical features,		
diagnosis, management	:	4 hrs
Total	:	14 hrs
Module 13		
Pithaashaya vikaaraah (Modern) clinical features,		
diagnosis, management	:	4 hrs

Agnyaashaya vikaaraah (Modern) clinical features,

Total	:	14 hrs
Vrikkaavikaaraah (Modern) clinical features, diagnosis, management	:	6 hrs
Pleehaavikaarah (Modrn) clinical features, diagnosis, management	:	2 hrs
diagnosis, management	:	2 hrs

Module 14

Gaveenivikaarah (Modern)-diagnosis, management	:	2 hrs
Ashmari – classification, lakshanaani, chikitsa (Ayurvedic)	:	2 hrs
Urolithiasis- diagnosis, principles of management (Modern)	:	1 hr
Diseases of the Urinary Bladder-diagnosis, management (Modern	ו):	3 hrs
Moothraaghaatam, moothrakrichram, asteela etc. (Ayurvedic)	:	2 hrs
Paurushagrandhi vikaarah – diagnosis, management (Modern)	:	2 hrs
Sukravahasroto vikaarah – diagnosis, management (Modern)	:	2 hrs
Total	:	14 hrs

Module 15

Total	:	14 hrs
(Include 1 hrs lecture on tranplantation surgery)	:	6 hrs
management (Modern)	:	6 hrs
Anatrachyti vikaaraah (Hernias), classification Diagnosis,		
Vridhiroga – classification, lakshanaani, chikitsa (Ayurvedic)	:	3 hrs
Vrishanavikaaraah – lakshanaani, chikitsa (Modern)	:	3 hrs
Medravikaaraah – lakshnaan, chikitsa (Modern)	:	2 hrs

Salyathanthram - 12

Foregoing Modules and contents were finalized in the meeting of the Teachers of Salyathanthra from all Ayurveda Colleges in Kerala convened at Vaidyaratnam Ayurveda College, Ollur on 13 January 2004 as per the directions from the Director, Ayurveda Medical Education (DAME), Thiruvananthapuram.

THIRD PROFESSIONAL B.A.M.S EXAMINATION

(First Periodical Examination)

Question Paper No.1 (Part A)

virtue of modern explanation?(5)2.Briefly describe the stages of union of fracture?(5)3.Write the clinical features of shock?(5)4.Define parenteral fluid therapy? Enumerate the commonly used parenteral fluids?5.Explain the differences between vranasopha and sopha?(2)6.Types of naleevrana as per sushruta?(2)7.Brief fissure in ano?(2)8.Indication of Jalookavachranam in Arsas?(2)9.Samanya lakshanas of anthergatha salya ?(2)10.Write the snayu marmabigatha lakshanas?(2)11.Name the sandhimuktha bagna?(2)12.Describe the bagna sadhya asadhyatwam based on the age of the patternts?(2)13.Enumerate the vrana vasthu?(2)14.Write the name and yoga of a varthi effective in naleevrana(2)15.Name the commonly used plaster spicas?(1)16.Name the bandhanas in long bone fractures?(1)	1.	Explain signs and symptoms of 'Roheethaka vrana' and correlate t	hese by
 3. Write the clinical features of shock? 4. Define parenteral fluid therapy? Enumerate the commonly used parenteral fluids? (5) 4. Define parenteral fluid therapy? Enumerate the commonly used parenteral fluids? (5) 5. Explain the differences between vranasopha and sopha? (2) 6. Types of naleevrana as per sushruta? (2) 7. Brief fissure in ano? (2) 8. Indication of Jalookavachranam in Arsas? (2) 9. Samanya lakshanas of anthergatha salya ? (2) 10. Write the snayu marmabigatha lakshanas? (2) 11. Name the sandhimuktha bagna? (2) 12. Describe the bagna sadhya asadhyatwam based on the age of the patients? (2) 13. Enumerate the vrana vasthu? (2) 14. Write the name and yoga of a varthi effective in naleevrana (2) 15. Name the commonly used plaster spicas? 		virtue of modern explanation?	(5)
 4. Define parenteral fluid therapy? Enumerate the commonly used parenteral fluids? (5) 5. Explain the differences between vranasopha and sopha? (2) 6. Types of naleevrana as per sushruta? (2) 7. Brief fissure in ano? (2) 8. Indication of Jalookavachranam in Arsas? (2) 9. Samanya lakshanas of anthergatha salya ? (2) 10. Write the snayu marmabigatha lakshanas? (2) 11. Name the sandhimuktha bagna? (2) 12. Describe the bagna sadhya asadhyatwam based on the age of the patients? (2) 13. Enumerate the vrana vasthu? (2) 14. Write the name and yoga of a varthi effective in naleevrana (2) 15. Name the commonly used plaster spicas? 	2.	Briefly describe the stages of union of fracture?	(5)
 (5) 5. Explain the differences between vranasopha and sopha? 6. Types of naleevrana as per sushruta? (2) 6. Types of naleevrana as per sushruta? (2) 7. Brief fissure in ano? (2) 8. Indication of Jalookavachranam in Arsas? (2) 9. Samanya lakshanas of anthergatha salya ? (2) 10. Write the snayu marmabigatha lakshanas? (2) 11. Name the sandhimuktha bagna? (2) 12. Describe the bagna sadhya asadhyatwam based on the age of the patients? (2) 13. Enumerate the vrana vasthu? (2) 14. Write the name and yoga of a varthi effective in naleevrana (2) 15. Name the commonly used plaster spicas? 	3.	Write the clinical features of shock?	(5)
 5. Explain the differences between vranasopha and sopha? 6. Types of naleevrana as per sushruta? 7. Brief fissure in ano? 7. Indication of Jalookavachranam in Arsas? 9. Samanya lakshanas of anthergatha salya ? 9. Samanya lakshanas of anthergatha salya ? 9. Write the snayu marmabigatha lakshanas? 10. Write the sandhimuktha bagna? 11. Name the sandhimuktha bagna? 12. Describe the bagna sadhya asadhyatwam based on the age of the patients? 13. Enumerate the vrana vasthu? 14. Write the name and yoga of a varthi effective in naleevrana 15. Name the commonly used plaster spicas? 	4.	Define parenteral fluid therapy? Enumerate the commonly used parentera	al fluids?
 Figure 1 and 2 and 2			(5)
 7. Brief fissure in ano? (2) 8. Indication of Jalookavachranam in Arsas? (2) 9. Samanya lakshanas of anthergatha salya ? (2) 10. Write the snayu marmabigatha lakshanas? (2) 11. Name the sandhimuktha bagna? (2) 12. Describe the bagna sadhya asadhyatwam based on the age of the patternts? (2) 13. Enumerate the vrana vasthu? (2) 14. Write the name and yoga of a varthi effective in naleevrana (2) 15. Name the commonly used plaster spicas? 	5.	Explain the differences between vranasopha and sopha?	(2)
 8. Indication of Jalookavachranam in Arsas? 9. Samanya lakshanas of anthergatha salya ? (2) 10. Write the snayu marmabigatha lakshanas? (2) 11. Name the sandhimuktha bagna? (2) 12. Describe the bagna sadhya asadhyatwam based on the age of the patients? (2) 13. Enumerate the vrana vasthu? (2) 14. Write the name and yoga of a varthi effective in naleevrana (2) 15. Name the commonly used plaster spicas? 	6.	Types of naleevrana as per sushruta?	(2)
9.Samanya lakshanas of anthergatha salya ?(2)10.Write the snayu marmabigatha lakshanas?(2)11.Name the sandhimuktha bagna?(2)12.Describe the bagna sadhya asadhyatwam based on the age of the patients?(2)13.Enumerate the vrana vasthu?(2)14.Write the name and yoga of a varthi effective in naleevrana(2)15.Name the commonly used plaster spicas?(1)	7.	Brief fissure in ano?	(2)
10.Write the snayu marmabigatha lakshanas?(2)11.Name the sandhimuktha bagna?(2)12.Describe the bagna sadhya asadhyatwam based on the age of the patients?(2)13.Enumerate the vrana vasthu?(2)14.Write the name and yoga of a varthi effective in naleevrana(2)15.Name the commonly used plaster spicas?(1)	8.	Indication of Jalookavachranam in Arsas?	(2)
11.Name the sandhimuktha bagna?(2)12.Describe the bagna sadhya asadhyatwam based on the age of the patients?(2)13.Enumerate the vrana vasthu?(2)14.Write the name and yoga of a varthi effective in naleevrana(2)15.Name the commonly used plaster spicas?(1)	9.	Samanya lakshanas of anthergatha salya ?	(2)
12. Describe the bagna sadhya asadhyatwam based on the age of the patients? (2) 13. Enumerate the vrana vasthu? (2) 14. Write the name and yoga of a varthi effective in naleevrana (2) 15. Name the commonly used plaster spicas? (1)	10.	Write the snayu marmabigatha lakshanas?	(2)
(2)13. Enumerate the vrana vasthu?(2)14. Write the name and yoga of a varthi effective in naleevrana(2)15. Name the commonly used plaster spicas?(1)	11.	Name the sandhimuktha bagna?	(2)
13. Enumerate the vrana vasthu?(2)14. Write the name and yoga of a varthi effective in naleevrana(2)15. Name the commonly used plaster spicas?(1)	12.	Describe the bagna sadhya asadhyatwam based on the age of the pa	itients?
14. Write the name and yoga of a varthi effective in naleevrana(2)15. Name the commonly used plaster spicas?(1)			(2)
15. Name the commonly used plaster spicas? (1)	13.	Enumerate the vrana vasthu?	(2)
	14.	Write the name and yoga of a varthi effective in naleevrana	(2)
16. Name the bandhanas in long bone fractures? (1)	15.	Name the commonly used plaster spicas?	(1)
	16.	Name the bandhanas in long bone fractures?	(1)

17.	Name the bones where traction can be applied in case of fracture?	(1)
18.	What is the main component of gandha thaila?	(1)
19.	Agraoushada for bhanga?	(1)
20.	Which fracture has the complication –mannus valgus?	(1)
21.	What are the dislocation of the elbow joint?	(1)
22.	Reverse type of collies fracture?	(1)
23.	Treatment principle for the sakha bhanga ?	(1)
24.	Name the classical methods for the reduction of anterior	
	dislocation of shoulder joint?	(1)
Distr	ibution of practical marks	
Tota	l marks 100	
1.	Daily work	10
2.	Case history, identification of instruments	30
3.	Short case	20
4.	Long case	30
5.	Viva – Voce	10

Textbooks

- 1. Susrutha Samhitha Text with English Translation Dr. K.R.Srikantha Murthy (JA)
- 2. Introduction to oncology (cancer) in Ayurveda Dr. J.L.N.Sastry (JA)
- Research Methodology for Ayurvedic Post Graduate Scholars/Researchers and Doctors – Dr. S.Suresh Baby and Dr. P.Jyopthi (JA)
- 4. Geriatrics in Ayurveda Dr. S.Suresh Babu and Dr. M.Madhavi (JA)
- 5. Myopathy Ayurvedic Perspective Dr. S.Suresh Babu (JA)
- Ayurvedic management for Heart diseases Dr. J.L.N.Sastry and Dr. K.Nisteswar (JA)
- 7. Abhinava salya vijnana (1 2 part) K.K.Thakral & R.B.Sati (JA)
- 8. Salya Siddhanta Kaumudi (1 2 Vol.) Mukund Swarup Varma (JA)

- 9. Clinical Salya vijnana Akhilanand Sharma (JA)
- 10. Salyathanthra samuchaya Vamdev Sharma (JA)
- 11. Salya vijnana (1-2 parts) Surendra Kumar Sharma (N)
- 12. Salya Pradipika Dr. Mukund Swarup Varma (V)
- 13. Sausruthi Ramanath Dwivedi (A)
- Susrutha Samhitha Hindi Commentary (1 2 part) Kaviraja Ambikadatta Sastri (K)
- 15. Ayurveda Darsana OR the Reference of Charaka, Susrutha and Vagbhata Dr. S.V.Shukla (JA)
- 16. Short Notes of of Charaka Samhitha Dr. S.V.Shukla (JA)
- 17. Short notes of Susrutha Samhitha Dr. S.V.Shukla (JA)
- 18. Short notes of Ashtanga Samgraha (Vol. 1 2) Dr. S.V.Shukla (JA)
- 19. Susrutha Nidana commentary by B.G.Ghrekar
- 20. Ashtanga Hridayam (Nidanam)
- 21. Madhava Nidanam
- 22. Bhavaprakasham
- Bailey & Love's short practice of surgery revised by Charles V.Mann, Norman S.Williams
- 24. A manual guide on clinical surgery S.Das
- 25. Lee's Synopsis of Anaethesia R.S.Atkinson, G.B.Rushman, N.J.H.Davies
- 26. Diagnositc Radiology and Imaging Kakaral Subbarao, Samir Banerjee, Sudarshan aggraval, Sathish Bhargava
- 27. Diagnositic Radiology and Imaging Vol 2, Kakarla Subbarao, Samir Banerjee, Sudarshan Aggarwal, Sathish Bhargava
- 28. Charaka Chikitsa
- 29. Principles of General Surgery by K.N.Udupa
- 30. Surgical ethics in Ayurveda by Singal
- 31. Synopsis of medical instruments by Arora (bandages.instruments)
- 32. Demonstration of physical signs in clinical surgery by Haridas Baily

Personal Data	
Name	Case No.
Age	Ward No.
Sex	Bed. No.
Address	DOA
	DOD
Married / Single	Occupation
Nearest Relative	

Clinical case record for Salyathanthram

Presenting complaints and duration

History of past illness of (for surgery or otherwise) or childhood illness of relevance

Personal history

Family history

- a. Physical examination
- 1. General survey
 - a. Appearance
 - b. Facies
 - c. Attitude
 - d. Decubitus

- II. Vital Data
 - a. Blood pressure
 - b. Respiration
 - c. Temperature
 - d. Pulse rate Rhythm Volume Tension
- B. Systemic examination

Cardiovascular system

Respiratory system alimentary system

Genito urinary system

Nervous system

Haemopoetic and recticula - endothelial systems

Examination of bones, joints and skin

Endocrine system

- C. Local examination
 - i. Inspection
 - ii. Palpation
 - iii. Percussion
 - iv. Auscultation
 - v. Measurement

- D. Specific examination
 - I. Vrana Type : Nija / aaganthu
- 1. Vranasayas
 - Twak Sandhi
 - Mamsa Asthi Sira Koshtam
 - Snayu Marmam
- 2. Sadyovranam
 - Ghrishtam Nipathitham
 - Avakritham Vidham
 - Vichinnam Bhinnam
 - Pravilambi Vidalitham

3. Vranithopadravas

	Visarpam Apatanakam	Pakshaghatam	Sirasambha	
	Moham	Unmadam	Vranarujam	Jwaram
	Thrishna	Hanugraham	Kasam	Chardi
	Athisaram	Hikka	Swasam	Vepadhu
	Arochakam	Avipakam	Moorcha	
4.	Vranopadravas			
	Gandham	Varnam	Sravam	
	Vedana	Aakrithi		

- II. Bhanga Type : Sandhibhangam / Asandhibhagam
- 1. Sandhibhangam

Utpishtam	Avakshiptam
Vislishtam	Athikashipitam
Vivarthitham	Tiryakshiptam

2. Asandhibhagam

Karkatakam	Asthichallitham	Vakram
Aswakarnam	Kandabhangam	Chinnam
Choornitham	Manjjanugatham	Pathitham
Pischitham	Athipathitham	Sphutitham

Other examinations

- A. Vrana pareeksha and Bhagandhara Pareeksha
 - i. Size and Shape
 - ii. Number
 - iii. Position
 - iv. Edge
 - v. Floor
 - vi. Base
 - vii. Discharge
 - viii. Surrounding area
 - ix. Tenderness
 - x. Depth

- xi. Bleeding
- xii. Relations with deeper structures
- B. Regional lymph nodes
 - i. Enlarge
 - ii. Tender
 - iii. Soft
 - iv. Firm
 - v. Hard
 - vi. Stony hard
 - vii. Fixed
- C. Bhanga Pareeksha
 - i. Deformity
 - ii. Shotertening
 - iii. Skin changes
 - iv. Bony tenderness
 - v. Swelling
 - vi. Abnormal mobility
 - vii. Crepitus
 - viii. Absence of transmitted movements
 - ix. Movements of proximal and distal joints
 - x. Injuries to arteries / nerves / tendons / viscera

Ashtasthana Pareeksha

- 1. Nadi
- 2. Moothram
- 3. Malam
- 4. Jihwa
- 5. Sabdam
- 6. Sparsam
- 7. Drik
- 8. Aakrithi

Vikirithi pareeksha (Dasavidha Pareeksha)

Dooshyam

Desam

Balam

Kaalam

Analam

Prakrithi

Vayas

Satwam

Saatmyam

Aaharam

Rogadhishtanam

Avastha

Aamam	Pachyamanam	Pakvam	apakvam

Provisional diagnosis

Special investigation

- 1. Urine
- 2. Blood
- 3. Stool
- 4. Sputum
- 5. Biopsy report
- 6. Radiology report
- 7. Other examinations if any and their reports

Clinical diagnosis

Diagnosis

Principle of management

Management

- 1. Pre-operative procedures and materials for management
- 2. Operative procedure
- 3. Post operative procedure
- 4. Conservative management

Date	Medicine	Dose	Time & Mode of use	Remarks

V. Follow up studies

Pathya

Apathya

Result

Case prepared by

Signature of student

Remarks

Signaturing Authority