

Faculty of Indian Medical System

Department of SHALYA TANTRA

Sl.No	Topic	Domain	Time(Hours)
1.	<p>Definition of Shalya, Shalya Tantra and its importance. Introduction to ShalyaTantra:</p> <p>Historical background and progress made.</p> <ul style="list-style-type: none"> • Target - Fluency in textual reading and comprehension. • Preferable targets - Know recent developments and controversies. 	Must to Know	4
2.	<p>Description of Yantra, Shastra, Anushastra: Definition, number, types, uses, Dosha, Guna, Karma. Relevant modern instruments.</p> <ul style="list-style-type: none"> • Target - Basic understanding of the concepts of Yantra and Shastra. Acquaintance with commonly used surgical instruments. Knowledge of textual descriptions. • Preferable targets - Knowledge about currently used surgical instruments, their specifications, procurement sources etc. 	Must to Know	5
3.	<p>Sangyahan / Anaesthesia: Definition and Types.</p> <p>i. Local anaesthesia – Drugs, Techniques, Indications, Contraindications, Complications and their Management.</p> <p>ii. Regional and General anaesthesia- Drugs, Techniques, Indications, Contraindications, Complications and their Management.</p> <ul style="list-style-type: none"> • Target-Basic knowledge of the drugs and instruments of anaesthesia. To observe the process of induction, monitoring and recovery. • Preferable targets- Assisting and handling anaesthesia. 	Must to Know	5
4.	<p>Trividha Karma – Purva Karma, Pradhana Karma and Paschat Karma.</p> <ul style="list-style-type: none"> • Target- Capability to identify conditions which can affect the outcome of surgery in pre, intra and post- operative period. 	Must to Know	4

	<ul style="list-style-type: none"> • Preferable targets- Experience of handling incidents. 		
5.	<p>Ashtavidha Shastra Karma - Surgical procedures.</p> <ul style="list-style-type: none"> • Targets- Appreciation and comprehension of concepts and indications of different procedures. • Preferable targets –Hands on experience of surgical procedures. 	Must to Know	3
6.	<p>Yogya - Experimental Surgery.</p> <ul style="list-style-type: none"> • Target –Appreciation and comprehension of concepts of Yogya. Idea of patient’s safety in experimental training. • Preferable targets- Hands on training on mannequins. 	Must to Know	3
7.	<p>Marma: Nirukti, types, description and importance.</p> <ul style="list-style-type: none"> • Target –Clinical application of concepts of marma. • Preferable targets- Study of relevance of marma in the light of current anatomical and surgical knowledge. 	Good to Know	3
8.	<p>Kshara and Kshara Karma:</p> <ol style="list-style-type: none"> Nirukti, Pradhanyata, Guna, Dosha, Karma, Prakara, Yogya, Ayogya, Procedure, Upadrava and Chikitsa. Ksharanirmanavidhi, knowledge of KsharaVarti, Taila and Pichu. Kshara Sutra – Preparation, Indications, Contraindications and Method of application, Complications and their Management. <ul style="list-style-type: none"> • Target – Capability to identify and practice the use of kshara, kshara sutra in common clinical conditions. • Preferable targets – Broader knowledge of current trends and ongoing researches in kshara application. 	Must to Know	4
9.	<p>Agnikarma: Mahatva, Upakarana, Vidhi, Akrutibheda, Yogya, Ayogya and UpadravaChikitsa.</p> <p>Contemporary techniques and tools of Agnikarma.</p> <ul style="list-style-type: none"> • Target - Capability to appreciate the clinical indications and comprehend Agnikarma procedure. • Preferable targets - Hands on experience of use of cautery in surgical practice. 	Must to Know	4

10.	<p>Raktamokshana: Mahatva, Prakara - Siravyadha, Pracchanna, Shringa, Alabu, Jaloukavacharana – Yogya, Ayogya, Procedure, Upadrava and Chikitsa.</p> <ul style="list-style-type: none"> • Target- Capability to appreciate and comprehend clinical indications of Jaloukavacharana and other Raktamokshana procedures. • Preferable targets - Uses of bloodletting in current therapy. 	Must to Know	3
11.	<p>Bandha Vidhi – Prayojana, Dravya, Indications, Contraindications, Prakara, Upadrava, Pichu, Plota, Kavalika and Vikeshika.</p> <ul style="list-style-type: none"> • Target- Hands on experience of techniques of bandaging. • Preferable targets - New generation of bandaging and splintage tools. 	Must to Know	2
12.	<p>PranastaShalya and NirharanaUpaya.</p> <ul style="list-style-type: none"> • Target – Importance of concepts of Sushruta in the management of Shalya and concerns of patient safety. Identification and management of foreign bodies. • Preferable targets - Current concepts and diagnostic tools of dealing with foreign bodies. 	Good to Know	3
13.	<p>Fluid, Electrolyte, Acid Base Balance and Nutrition:</p> <ol style="list-style-type: none"> Introduction of physiology of fluids and electrolytes. Dehydration and over hydration. Specific electrolyte loss, Acidosis, Alkalosis, Symptomatology and Management. Electrolyte changes in specific diseases like pyloric stenosis, intestinal obstruction and anuria. Various replacement fluids in surgery, mode of administration and complications. Nutrition. <ul style="list-style-type: none"> • Target – Capability to identify and manage fluid and electrolyte imbalance. Ability to administer parenteral fluid. • Preferable targets - Advanced techniques of fluid and electrolyte assessment and management. 	Must to Know	4

14.	<p>RaktaMahatwa, Raktasrava / Haemorrhage: Prakara and Lakshana.</p> <p>i. Raktastambhana – Haemostasis. ii. Blood Transfusion –Blood groups, Compatibility, Indications, Contraindications and Complications with Management. iii. Component therapy.</p> <ul style="list-style-type: none"> • Target-Knowledge of achieving haemostasis in haemorrhage. • Preferable targets - Detailed knowledge of blood bank techniques. 	Must to Know	4
15.	<p>Antibiotics, analgesics, anti-inflammatory and emergency drugs in surgical practice.</p> <ul style="list-style-type: none"> • Target – Working knowledge of commonly used drugs. • Preferable targets - Advanced pharmacological study of the above drugs. 	Must to Know	3
16.	<p>Diagnostic techniques – X-ray, Imaging techniques, Ultrasonography, CAT Scan, MRI, Biopsy / Cytological study.</p> <ul style="list-style-type: none"> • Target- Knowledge of proper indications for optimum investigational tools and their interpretation. • Preferable targets - Capability to work independently in the field of diagnostic techniques. 	Must to Know	3
17.	<p>Shat Kriyakala in surgical practice.</p> <ul style="list-style-type: none"> • Target- Clinical utility of the concepts. • Preferable targets - Applied aspects of Kriyakalas in the light of current concepts of pathogenesis. 	Nice to Know	3
18.	<p>Nirukti, Nidana, Samprapti, Prakara, Lakshana, Sadhya-asadhyata, Upadrava and Chikitsa of the following disorders.</p> <p>i. Vranashotha - Inflammation ii. Vidhradi - Abscess iii. Pidika - Boils iv. NadiVrana - Sinus / Fistulae v. VranaGranthi - Keloid / Hypertrophic scar</p>	Must to Know	8

	<p>vi. Marmagata - Shock</p> <p>vii. Kotha – Gangrene and Principles of Amputation.</p> <p>viii. Granthi - Cyst</p> <p>ix. Arbuda - Tumour</p> <ul style="list-style-type: none"> • Target-Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 		
19.	<p>Vrana – Nirukti and Prakara</p> <p>i. NijaVrana – Nidana, Samprapti, VranaVasthu, Prakara, Lakshana, VranaPariksha – Sthana, VranaAkruti, Srava, Gandha, Vedana. VranaAvastha- Dustavrana, Shuddha Vrana, RuhyamanaVrana, SamyakRoodhaVrana, VranaSadhya-asadhyatha and VranaUpadrava.</p> <p>ii. VranaChikitsa – Pathya-apathya and Shashti Upakrama, Vranitagara and Rakshakarma.</p> <p>iii. AgantujaVrana :</p> <p>a. SadyoVrana - Traumatic wounds – Nidana, Prakara, Lakshana, Upadrava and Chikitsa.</p> <p>b. Management of bites and stings.</p> <p>iv. DagdhaVrana – Burns and scalds.</p> <p>v. Ulcer - Types and their management.</p> <p>vi. Wound healing stages and their management.</p> <p>vii. Pramehapidaka - Diabetic carbuncle and wounds.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	10
20.	<p>TwakVikara - Nidana, Samprapti, Lakshana and Chikitsa of Chippa – Paronychia, Kadara – Corn and Kshudrarogas.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Good to Know	3
21.	<p>ManyaVikara – Nidana, Samprapti, Lakshana and Chikitsa of Galaganda – Goitre, Gandamala, Apachi –Lymphadenitis, Pashanagardhabha – diseases of parotid gland.</p> <ul style="list-style-type: none"> • Target-Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Nice to Know	5
22.	<p>SiraVikara - Venous disorders – Superficial and Deep venous thrombosis, Haemangioma, Varicose veins - Diagnosis and</p>	Good to Know	4

	<p>their Management.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 		
23.	<p>DhamaniVikara - Arterial disorders – Nidana, Samprapti, Lakshana and Chikitsa of Aneurysm, Buerger’s disease, Atherosclerosis, Raynaud’s disease.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Good to Know	3
24.	<p>SnayuVikara- Diseases of tendons and ligaments – Tennis elbow, Ganglion and their Management.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Good to Know	4
25.	<p>Care of AIDS - HIV and hepatitis infected patients.</p> <ul style="list-style-type: none"> • Target - <i>Knowledge of safety precautions.</i> 	Must to Know	3
26.	<p>Bhagna – Skeletal injuries: Prakara including pathological fracture, Samanya Lakshana, Upadrava and Chikitsa.</p> <p>Description of fracture of following bones with Clinical features, Diagnosis, Complications and Management – scapula, clavicle, humerus, radius, ulna, femur, patella, tibia and pelvis bones.</p> <p>Sandimoksha - Dislocation: Dislocation of following joints with Clinical features, Diagnosis, Complications and Management of shoulder, elbow and hip.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	3
27.	<p>Diseases of bone: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Osteomyelitis, Cysts, Tumours and Tuberculosis.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	4

28.	<p>Diseases of bone: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Osteomyelitis, Cysts, Tumours and Tuberculosis.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	3
29.	<p>Cranio-cerebral injuries: Mechanism, Pathology, Classification, Investigations, Complications and primary management.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	3
30.	<p>Diseases of Spine: Mechanism, Pathology, Classification, Investigations, Complications and primary management of Tuberculosis, Ankylosing Spondylitis and Disc prolapse.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Nice to Know	4
31.	<p>Diseases of breast: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of SthanaVidradhi - Breast abscess and SthanaArbuda Breast tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of chest: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Chest injury, Pleural effusion, Pleurisy and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	4
32.	<p>Diseases of esophagus: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Oesophagitis, Varices, Ulcer and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	6

33.	GulmaRoga- Nidana, Prakara, Lakshana, Upadrava and Chikitsa.	Good to Know	6
34.	Shoolavyadhi- Nidana, Prakara, Lakshana, Upadrava and Chikitsa. <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of acute abdomen. 	Nice to Know	3
35.	UdaraRoga: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Jalodara - Ascites, Chidrodara – Perforation, Peritonitis and Badhagudodara-Intestinal obstruction. <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	6
36.	Diseases of stomach and duodenum: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Pyloric Stenosis, Peptic Ulcer and Tumours. <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. Diseases of small intestine: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Tuberculosis, Obstruction and Perforation. <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. Diseases of large intestine - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Tuberculosis, Obstruction, Perforation, Tumours, Appendicitis, Crohn’s disease and Ulcerative Colitis. <ul style="list-style-type: none"> • Target - Clinical utility of the concept. • Preferable targets - Hands on experience of management of different conditions. Diseases of Rectum and Anal Canal – Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital disorders, Arshas - Haemorrhoids, Parikartika - Fissure-in-ano, Bhagandara - Fistula-in-ano, GudaVidradi - Anorectal abscesses, Gudabhramsa - Rectal prolapse, Sanniruddaguda - Anal stricture, Incontinence, Rectal Polyp and Tumours. <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. 	Nice to Know	10

	<ul style="list-style-type: none"> • Preferable targets - Hands on experience of management of different conditions. <p>Abdominal injuries and their management.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions 		
37.	<p>Diseases of Liver: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of YakritVidhradi - Abscess, Neoplasia, Portal hypertension and Yakritdalyodar –Hepatomegaly.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Gallbladder: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Cholecystitis, Cholelithiasis, Obstructive jaundice and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Pancreas: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Pancreatitis, Cysts of Pancreas and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Spleen – Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Pleehodara – Splenomegaly and Splenic rupture.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	Must to Know	20
38.	<p>Diseases of Kidney and Ureters - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Polycystic kidney, Injuries, Perinephric abscess, Calculus and Neoplasms.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Urinary bladder – Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Injuries, Ashmari Vesical</p>	Must to Know	18

	<p>Calculus, Cystitis and Neoplasms.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Mutraghata and Mutrakrichra - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management. Retention of urine.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Prostate - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Prostatitis, Prostatic abscess, Benign Enlargement of Prostate and Carcinoma of Prostate.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Urethra - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Urethritis, Stricture and Rupture.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Penis: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Niruddhaprakasha -Phimosis, Parivartika -Paraphimosis, Avapatika - Prepuceal ulcer, Arbuda- Tumours and Lingarsha Penile Warts.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Scrotum and Testis: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Epididymo-orchitis, Epididymal cyst, Scrotal filariasis, Shukrashmari - Seminal calculus, Torsion of testis, Ectopic testis, Undescended testis and Tumours</p>		
39.	<p>VridhhiRoga: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Mutravridhhi – Hydrocele.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Antra Vridhhi - Aetiopathogenesis, Classification,</p>	Must to Know	10

	<p>Clinical features, Diagnosis, Complications and Management of Hernia - Inguinal, Femoral, Epigastric, Umbilical, Incisional and rare forms of Hernia.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 		
PRACTICALS			
40.	<p>Content of Practicals:</p> <p>1. Identification, uses, demonstration of surgical instruments and methods of sterilization.</p>	Must to Know	
41.	2. Training of case taking, bed side clinicals and case presentation.	Must to Know	
42.	3. Demonstration and Practical training in Anaesthesia.	Nice to Know	
43.	<p>4. Training to develop skills in following Parasurgical and other procedures</p> <ol style="list-style-type: none"> Kshara Karma Agnikarma Kshara Sutra Raktamokshana Application of bandages and splints Catheterization Wound management procedures like Parisheka and Patradana Ryle's tube aspiration Injections -Intramuscular / Intravenous / Subcutaneous / Intradermal Incision and drainage of abscess Suturing of open wounds 	Must to Know	
44.	<p>5. Observation of following procedures</p> <ol style="list-style-type: none"> Circumcision Hydrocele Hernial repair Vasectomy Haemorrhoidectomy Fistulectomy Fissurectomy Appendectomy Cholecystectomy 	Must to Know	
45.	6. Training of Surgical Emergencies and Management.	Must to Know	

CURRICULUM PLANNING

Sl.No	Topic	Learning objectives (At the end of the session the student should be able to)	Teaching Guidelines	Methodology	Time
1.	<p>Definition of Shalya, Shalya Tantra and its importance. Introduction to ShalyaTantra:</p> <p>Historical background and progress made.</p> <ul style="list-style-type: none"> • Target - Fluency in textual reading and comprehension. • Preferable targets - Know recent developments and controversies. 	<p>To define Shalya and Shalya Tantra, its importance.</p> <p>To Know historical background</p>	<p>To cover definition of Shalya, Shalya Tantra, its importance.</p> <p>To give brief idea about historical background</p>	<ul style="list-style-type: none"> • Didactic • Group Discussion • SIS • PPT 	4
2.	<p>Description of Yantra, Shastra, Anushastra: Definition, number, types, uses, Dosha, Guna, Karma. Relevant modern instruments.</p> <ul style="list-style-type: none"> • Target - Basic understanding of the concepts of Yantra and Shastra. Acquaintance with commonly used surgical instruments. Knowledge of textual descriptions. • Preferable targets - Knowledge about currently used surgical instruments, their specifications, procurement sources etc. 	<ul style="list-style-type: none"> • To understand brief concepts Yantra, Shastra, Anushastra and relevant modern instruments with their specification. 	<ul style="list-style-type: none"> • To cover holistic account about Yantra, Shastra, Anushastra: Definition, number, types, uses, Dosha, Guna, Karma. Relevant modern instruments. 	<p>Didactic PPT PBL SIS Poster Presentation</p>	5
3.	<p>Sangyahan / Anaesthesia: Definition and Types.</p> <p>i. Local anaesthesia – Drugs, Techniques, Indications, Contraindications, Complications and their</p>	<ul style="list-style-type: none"> • Able to define and explain briefly about Sangyahan / Anaesthesia 	<ul style="list-style-type: none"> • To cover theoretical and practical aspects of anaesthesia in detail. 	<p>Didactic PPT PBL SIS Poster Presentation</p>	5

	<p>Management.</p> <p>ii. Regional and General anaesthesia- Drugs, Techniques, Indications, Contraindications, Complications and their Management.</p> <ul style="list-style-type: none"> • Target-Basic knowledge of the drugs and instruments of anaesthesia. To observe the process of induction, monitoring and recovery. • Preferable targets- Assisting and handling anaesthesia. 				
4.	<p>Trividha Karma – Purva Karma, Pradhana Karma and Paschat Karma.</p> <ul style="list-style-type: none"> • Target- Capability to identify conditions which can affect the outcome of surgery in pre, intra and post- operative period. • Preferable targets- Experience of handling incidents. 	<ul style="list-style-type: none"> • To Understand basics of Trividha Karma 	<ul style="list-style-type: none"> • Explain brief account of Trividha Karma 	PPT PBL SIS	4
5.	<p>Ashtavidha Shastra Karma - Surgical procedures.</p> <ul style="list-style-type: none"> • Targets- Appreciation and comprehension of concepts and indications of different procedures. • Preferable targets –Hands on experience of surgical procedures. 	<ul style="list-style-type: none"> • To appreciate and comprehend about concepts and indications of different procedures and also to have hands on experience of surgical procedures. 	<ul style="list-style-type: none"> • To give practical and theoretical demonstration about basic surgical procedures 	Didactic PPT PBL SIS Poster Presentation	3
6.	<p>Yogya - Experimental Surgery.</p> <ul style="list-style-type: none"> • Target –Appreciation and comprehension of concepts of Yogya. Idea of patient’s safety in experimental training. • Preferable targets- Hands on training on mannequins. 	<ul style="list-style-type: none"> • To Appreciate and comprehend about concepts of Yogya. • Idea of patient’s safety in experimental training and also to have hands on 	<ul style="list-style-type: none"> • To give practical and theoretical demonstration about basics of experimental surgery. 	Didactic PPT PBL SIS Poster Presentation	3

		training on mannequins.			
7.	<p>Marma: Nirukti, types, description and importance.</p> <ul style="list-style-type: none"> • Target –Clinical application of concepts of marma. • Preferable targets- Study of relevance of marma in the light of current anatomical and surgical knowledge. 	<ul style="list-style-type: none"> • To have brief clinical understanding about concepts of marma and their current anatomical and surgical knowledge. 	<ul style="list-style-type: none"> • To give idea about Marma vis-à-vis current anatomical and surgical know how about them. 	Didactic PPT PBL SIS Poster Presentation	3
8.	<p>Kshara and Kshara Karma:</p> <p>i. Nirukti, Pradhanyata, Guna, Dosha, Karma, Prakara, Yogya, Ayogya, Procedure, Upadrava and Chikitsa.</p> <p>ii. Ksharanirmanavidhi, knowledge of KsharaVarti, Taila and Pichu.</p> <p>iii. Kshara Sutra – Preparation, Indications, Contraindications and Method of application, Complications and their Management.</p> <ul style="list-style-type: none"> • Target – Capability to identify and practice the use of kshara, kshara sutra in common clinical conditions. • Preferable targets – Broader knowledge of current trends and ongoing researches in kshara application. 	<ul style="list-style-type: none"> • To have broader understanding about practice and current trends about ongoing researches about Kshar sutra procedure. 	<ul style="list-style-type: none"> • To give holistic understanding about Ksharsutra with modern aspects and recent researches about it. 	Didactic PPT PBL SIS Poster Presentation	4
9.	<p>Agnikarma: Mahatva, Upakarana, Vidhi, Akrutibheda, Yogya, Ayogya and UpadravaChikitsa.</p> <p>Contemporary techniques and tools of Agnikarma.</p> <ul style="list-style-type: none"> • Target - Capability to appreciate the clinical indications and comprehend Agnikarma procedure. • Preferable targets - Hands on experience of use of 	<ul style="list-style-type: none"> • To have capability to appreciate the clinical indications and comprehend Agnikarma procedure and hands on experience of use of cauterly in surgical practice. 	<ul style="list-style-type: none"> • To exemplify the Agnikarma techniques with hands on experience about cauterly in surgery. 	Didactic PPT PBL SIS Poster Presentation	4

	cautery in surgical practice.				
10.	<p>Raktamokshana: Mahatva, Prakara - Siravyadha, Pracchanna, Shringa, Alabu, Jaloukavacharana – Yogya, Ayogya, Procedure, UpadravaandChikitsa.</p> <ul style="list-style-type: none"> • Target- Capability to appreciate and comprehend clinical indications of Jaloukavacharana and other Raktamokshana procedures. • Preferable targets - Uses of bloodletting in current therapy. 	<ul style="list-style-type: none"> • To have capability to appreciate and comprehend clinical indications of Jaloukavacharana and other Raktamokshana procedures and uses of bloodletting in current therapy. 	To give broad understanding about concepts and practice of Raktamokshan vis-à-vis blood- letting procedure.	Didactic PPT PBL SIS Poster Presentation	3
11.	<p>Bandha Vidhi – Prayojana, Dravya, Indications, Contraindications, Prakara, Upadrava, Pichu, Plota, Kavalika and Vikeshika.</p> <ul style="list-style-type: none"> • Target- Hands on experience of techniques of bandaging. • Preferable targets - New generation of bandaging and splintage tools. 	To have hands on experience of techniques of bandaging and new generation of bandaging and splintage tools.	<ul style="list-style-type: none"> • To give broader understanding about Bandha-Vidhi 	Didactic PPT PBL SIS Poster Presentation	2
12.	<p>PranastaShalya and NirharanaUpaya.</p> <ul style="list-style-type: none"> • Target – Importance of concepts of Sushruta in the management of Shalya and concerns of patient safety. Identification and management of foreign bodies. • Preferable targets - Current concepts and diagnostic tools of dealing with foreign bodies. 	<p>To appreciate importance of concepts of Sushruta in the management of Shalyaand concerns of patient safety and identification and management of foreign bodies.</p> <p>To give brief understanding of current concepts and diagnostic tools of dealing with foreign bodies.</p>	To give broader understanding about Sushruta’s concept of management of Shalya vis-à-vis current know how with hands on experience on it.	Didactic PPT PBL SIS Poster Presentation	3
13.	<p>Fluid, Electrolyte, Acid Base Balance and Nutrition:</p> <p>i. Introduction of physiology of</p>	To aware with Fluid, Electrolyte, Acid Base balance	To give brief outline about Fluid, Electrolyte,	Didactic PPT PBL	4

	<p>fluids and electrolytes.</p> <p>ii. Dehydration and over hydration.</p> <p>iii. Specific electrolyte loss, Acidosis, Alkalosis, Symptomatology and Management.</p> <p>iv. Electrolyte changes in specific diseases like pyloric stenosis, intestinal obstruction and anuria.</p> <p>v. Various replacement fluids in surgery, mode of administration and complications.</p> <p>vi. Nutrition.</p> <ul style="list-style-type: none"> • Target – Capability to identify and manage fluid and electrolyte imbalance. Ability to administer parenteral fluid. • Preferable targets - Advanced techniques of fluid and electrolyte assessment and management. 	and nutrition dynamics	Acid Base balance and Nutrition dynamics and advanced techniques	SIS Poster Presentation	
14.	<p>RaktaMahatwa, Raktasrava / Haemorrhage: Prakara and Lakshana.</p> <p>i. Raktastambhana – Haemostasis.</p> <p>ii. Blood Transfusion –Blood groups, Compatibility, Indications, Contraindications and Complications with Management.</p> <p>iii. Component therapy.</p> <ul style="list-style-type: none"> • Target-Knowledge of achieving haemostasis in haemorrhage. • Preferable targets - Detailed knowledge of blood bank techniques. 	To have broader understanding about knowledge of achieving haemostasis in haemorrhage and detailed knowledge of blood bank techniques.	To give brief understanding about haemorrhage and blood transfusion technique	Didactic PPT PBL SIS Poster Presentation	4
15.	Antibiotics, analgesics, anti-inflammatory and emergency drugs in	To have working knowledge of commonly used drugs and	To demonstrate practical knowledge about	Didactic PPT PBL	3

	<p>surgical practice.</p> <ul style="list-style-type: none"> • Target – Working knowledge of commonly used drugs. • Preferable targets - Advanced pharmacological study of the above drugs. 	advanced pharmacological study of the above drugs.	commonly used antibiotics and advanced pharmacological knowledge.	SIS Poster Presentation	
16.	<p>Diagnostic techniques – X-ray, Imaging techniques, Ultrasonography, CAT Scan, MRI, Biopsy / Cytological study.</p> <ul style="list-style-type: none"> • Target- Knowledge of proper indications for optimum investigational tools and their interpretation. • Preferable targets - Capability to work independently in the field of diagnostic techniques. 	To have proper knowledge of investigational tools and their interpretation and to have capability to work independently in the field of diagnostic techniques.	To demonstrate applied aspect of pathological and diagnostic tools.	Didactic PPT PBL SIS Poster Presentation	3
17.	<p>Shat Kriyakala in surgical practice.</p> <ul style="list-style-type: none"> • Target- Clinical utility of the concepts. • Preferable targets - Applied aspects of Kriyakalas in the light of current concepts of pathogenesis. 	To have brief outline about ShatKriyakala and its applied aspects in current aspect.	To give conceptual understanding and practical aspects of Shat Kriyakala.	Didactic PPT PBL SIS Poster Presentation	3
18.	<p>Nirukti, Nidana, Samprapti, Prakara, Lakshana, Sadhya-asadhyata, Upadrava and Chikitsa of the following disorders.</p> <ol style="list-style-type: none"> Vranashotha - Inflammation Vidhradi - Abscess Pidika - Boils NadiVrana - Sinus / Fistulae VranaGranthi - Keloid / Hypertrophic scar Marmagata - Shock Kotha – Gangrene and Principles of Amputation. 	To have broader knowledge of surgical disorders and clinical aspects	To give brief theoretical knowledge and practical aspects various surgical disorders.	Didactic PPT PBL SIS Poster Presentation	8

	<p>viii. Granthi - Cyst ix. Arbuda - Tumour</p> <ul style="list-style-type: none"> • Target-Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 				
19.	<p>Vrana – Nirukti and Prakara</p> <p>i. NijaVrana – Nidana, Samprapti, VranaVasthu, Prakara, Lakshana, VranaPariksha – Sthana, VranaAkruti, Srava, Gandha, Vedana. VranaAvastha- Dustavrana, Shuddha Vrana, RuhyamanaVrana, SamyakRoodhaVrana, VranaSadhya-asadhyatha and VranaUpadrava.</p> <p>ii. VranaChikitsa – Pathya-apathya and Shashti Upakrama, Vranitagara and Rakshakarma.</p> <p>iii. AgantujaVrana :</p> <p>a. SadyoVrana - Traumatic wounds – Nidana, Prakara, Lakshana, Upadrava and Chikitsa.</p> <p>b. Management of bites and stings.</p> <p>iv. DagdhaVrana – Burns and scalds.</p> <p>v. Ulcer - Types and their management.</p> <p>vi. Wound healing stages and their management.</p> <p>vii. Pramehapidaka - Diabetic carbuncle and wounds.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To have broad view about Vrana and its various conditions.	To give brief outline about various Vrana conditions	Didactic PPT PBL SIS Poster Presentation	10
20.	<p>TwakVikara - Nidana, Samprapti, Lakshana and Chikitsa of Chippa– Paronychia,</p>	To have brief idea about theoretical and clinical aspects of Twaka-	To give holistic view about Twaka-Vikara	Didactic PPT PBL SIS	3

	<p>Kadara – Corn and Kshudrarogas.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	vikara		Poster Presentation	
21.	<p>ManyaVikara – Nidana, Samprapti, Lakshana and Chikitsa of Galaganda – Goitre, Gandamala, Apachi – Lymphadenitis, Pashanagardhabha – diseases of parotid gland.</p> <ul style="list-style-type: none"> • Target-Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To appreciate about clinical application of the concepts and hands on experience of management of different conditions of Manya-Vikara	To give holistic view about Manya-Vikara	Didactic PPT PBL SIS Poster Presentation	5
22.	<p>SiraVikara - Venous disorders – Superficial and Deep venous thrombosis, Haemangioma, Varicose veins - Diagnosis and their Management.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To have clinical knowledge of the concepts and hands on experience of management of different conditions of Sira-Vikara.	To give theoretical and clinical knowledge of Sira-Vikara.	Didactic PPT PBL SIS Poster Presentation	4
23.	<p>DhamaniVikara - Arterial disorders – Nidana, Samprapti, Lakshana and Chikitsa of Aneurysm, Buerger’s disease, Atherosclerosis, Raynaud’s disease.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To have clinical knowledge of concepts and hands on experience of management of different conditions of Dhamani-Vikara.	To give theoretical and clinical knowledge of Dhamani-Vikara.	Didactic PPT PBL SIS Poster Presentation	3
24.	<p>SnayuVikara- Diseases of tendons and ligaments –</p>	<ul style="list-style-type: none"> • To have clinical 	To give	Didactic PPT	4

	<p>Tennis elbow, Ganglion and their Management.</p> <ul style="list-style-type: none"> • Target - Clinical application of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	<p>knowledge of concepts and hands on experience of management of different conditions of Snayu-Vikara.</p>	<p>theoretical and clinical knowledge of Snayu-Vikara.</p>	<p>PBL SIS Poster Presentation</p>	
25.	<p>Care of AIDS - HIV and hepatitis infected patients.</p> <ul style="list-style-type: none"> • Target - <i>Knowledge of safety precautions.</i> 	<p>To have knowledge of safety precautions of HIV and Hepatitis infected patients</p>	<p>To demonstrate about safety precautions while dealing with HIV and Hepatitis infected patients</p>	<p>Didactic PPT PBL SIS Poster Presentation</p>	3
26.	<p>Bhagna – Skeletal injuries: Prakara including pathological fracture, Samanya Lakshana, Upadrava and Chikitsa.</p> <p>Description of fracture of following bones with Clinical features, Diagnosis, Complications and Management – scapula, clavicle, humerus, radius, ulna, femur, patella, tibia and pelvis bones.</p> <p>Sandimoksha - Dislocation: Dislocation of following joints with Clinical features, Diagnosis, Complications and Management of shoulder, elbow and hip.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	<p>To have clinical knowledge of concepts and hands on experience of management of different conditions of Bhagna</p>	<p>To give theoretical and clinical knowledge of Snayu-Vikara</p>	<p>Didactic PPT PBL SIS Poster Presentation</p>	3

27.	<p>Diseases of bone: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Osteomyelitis, Cysts, Tumours and Tuberculosis.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To have clinical knowledge of concepts and hands on experience of management of different conditions of Bone diseases.	To give theoretical and clinical knowledge of Bone Diseases	Didactic PPT PBL SIS Poster Presentation	4
28.	<p>Cranio-cerebral injuries: Mechanism, Pathology, Classification, Investigations, Complications and primary management.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To have clinical knowledge of concepts and hands on experience of management of different conditions of cranio-cerebral injuries.	To give theoretical and clinical knowledge of cranio-cerebral injuries.	Didactic PPT PBL SIS Poster Presentation	3
29.	<p>Diseases of Spine: Mechanism, Pathology, Classification, Investigations, Complications and primary management of Tuberculosis, Ankylosing Spondylitis and Disc prolapse.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of spine.	To give theoretical and clinical knowledge of diseases of spine.	Didactic PPT PBL SIS Poster Presentation	4
30.	<p>Diseases of breast: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of SthanaVidradhi - Breast abscess and SthanaArbuda Breast tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands 	To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of breast.	To give theoretical and clinical knowledge of diseases of breast.	Didactic PPT PBL SIS Poster Presentation	4

	<p>on experience of management of different conditions.</p> <p>Diseases of chest: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Chest injury, Pleural effusion, Pleurisy and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 				
31.	<p>Diseases of esophagus: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Oesophagitis, Varices, Ulcer and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of esophagus.	To give theoretical and clinical knowledge of diseases of esophagus.	Didactic PPT PBL SIS Poster Presentation	6
32.	<p>GulmaRoga- Nidana, Prakara, Lakshana, Upadrava and Chikitsa.</p>	To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of esophagus	To give theoretical and clinical knowledge of diseases of Gulma-Roga	Didactic PPT PBL SIS Poster Presentation	6
33.	<p>Shoolavyadhi- Nidana, Prakara, Lakshana, Upadrava and Chikitsa.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of acute abdomen. 	To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of Shoolavyadhi.	To give theoretical and clinical knowledge of diseases of Shoola-Vyadhi.	Didactic PPT PBL SIS Poster Presentation	3

34.	<p>UdaraRoga: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Jalodara - Ascites, Chidrodara – Perforation, Peritonitis and Badhagudodara-Intestinal obstruction.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of UdaraRoga	To give theoretical and clinical knowledge of diseases of UdaraRoga	Didactic PPT PBL SIS Poster Presentation	6
35.	<p>Diseases of stomach and duodenum: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Pyloric Stenosis, Peptic Ulcer and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of small intestine: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Tuberculosis, Obstruction and Perforation.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of large intestine - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Tuberculosis, Obstruction, Perforation, Tumours, Appendicitis, Crohn’s disease and</p>	To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of stomach and duodenum, small intestine, large intestine, rectum, anal canal and abdominal injuries.	To give theoretical and clinical knowledge of diseases of stomach and duodenum small intestine, large intestine, rectum, anal canal and abdominal injuries	Didactic PPT PBL SIS Poster Presentation	10

	<p>Ulcerative Colitis.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concept. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Rectum and Anal Canal – Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital disorders, Arshas - Haemorrhoids, Parikartika - Fissure-in-ano, Bhagandara - Fistula-in-ano, GudaVidradi - Anorectal abscesses, Gudabhramsa - Rectal prolapse, Sanniruddaguda - Anal stricture, Incontinence, Rectal Polyp and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Abdominal injuries and their management.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions 				
36.	<p>Diseases of Liver: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of YakritVidhradi - Abscess, Neoplasia, Portal hypertension and Yakritdalyodar – Hepatomegaly.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 	<p>To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of liver, gallbladder, pancreas,spleen.</p>	<p>To give theoretical and clinical knowledge of diseases of liver, gallbladder, pancreas, spleen.</p>	<p>Didactic PPT PBL SIS Poster Presentation</p>	20

	<p>Diseases of Gallbladder: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Cholecystitis, Cholelithiasis, Obstructive jaundice and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Pancreas: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Pancreatitis, Cysts of Pancreas and Tumours.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Spleen – Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Pleehodara – Splenomegaly and Splenic rupture.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 				
37.	<p>Diseases of Kidney and Ureters - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Polycystic kidney, Injuries, Perinephric abscess, Calculus and Neoplasms.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the 	To have clinical knowledge of concepts and hands on experience of management of different conditions of diseases of Kidney, ureter, bladder, mutraghat,	To give theoretical and clinical knowledge of diseases of Kidney, ureter, bladder, mutraghat, mutrakrichra, prostate, urethra,	Didactic PPT PBL SIS Poster Presentation	18

	<p>concepts.</p> <ul style="list-style-type: none"> • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Urinary bladder – Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Injuries, Ashmari Vesical Calculus, Cystitis and Neoplasms.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. <ul style="list-style-type: none"> • Preferable targets - Hands on experience of management of different conditions. <p>Mutraghata and Mutrakrichra - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management. Retention of urine.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. <ul style="list-style-type: none"> • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Prostate - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Prostatitis, Prostatic abscess, Benign Enlargement of Prostate and Carcinoma of Prostate.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. <ul style="list-style-type: none"> • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Urethra – Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and</p>	<p>mutrakrichra, prostate, urethra, penis, scrotum and testis.</p>	<p>penis, scrotum and testis.</p>		
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	<p>Management of Urethritis, Stricture and Rupture.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Penis: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Congenital anomalies, Niruddhaprakasha -Phimosis, Parivartika -Paraphimosis, Avapatika - Prepuceal ulcer, Arbuda- Tumours and Lingarsha Penile Warts.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Diseases of Scrotum and Testis: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Epididymo-orchitis, Epididymal cyst, Scrotal filariasis, Shukrashmari - Seminal calculus, Torsion of testis, Ectopic testis, Undescended testis and Tumours</p>				
38.	<p>VridhhiRoga: Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Mutravridhhi – Hydrocele.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. <p>Antra Vridhhi –</p>	<p>To have clinical knowledge of concepts and hands on experience of management of different conditions of VridhhiRoga and Antra-vridhhi.</p>	<p>To give theoretical and clinical knowledge of Vridhhi-Roga and Antra-Vridhhi.</p>	<p>Didactic PPT PBL SIS Poster Presentation</p>	<p>10</p>

	<p>Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Hernia - Inguinal, Femoral, Epigastric, Umbilical, Incisional and rare forms of Hernia.</p> <ul style="list-style-type: none"> • Target - Clinical utility of the concepts. • Preferable targets - Hands on experience of management of different conditions. 				
	Practicals				
39.	<p>Content of Practical:</p> <p>1. Identification, uses, demonstration of surgical instruments and methods of sterilization.</p>	To Identify, use, demonstrate surgical instruments and methods of sterilization.	To give demonstration of surgical Instruments	Didactic PBL SIS	
40.	2. Training of case taking, bed side clinicals and case presentation.	To have knowledge of case taking, bed side clinicals and case presentation.	To give practical demonstration of case taking.	Didactic PBL SIS	
41.	3. Demonstration and Practical training in Anaesthesia.	To have practical knowledge of Anesthesia.	To give practical demonstration of Anaesthesia.	Didactic PBL SIS	
42.	4. Training to develop skills in following Parasurgical and other procedures	To have practical skill of Parasurgical and other procedures.	To give practical skill of Parasurgical and other procedures	Didactic PBL SIS	
	<p>i. Kshara Karma</p> <p>ii. Agnikarma</p> <p>iii. Kshara Sutra</p> <p>iv. Raktamokshana</p> <p>v. Application of bandages and splints</p> <p>vi. Catheterization</p> <p>vii. Wound management procedures like Parisheka and Patradana</p> <p>viii. Ryle's tube aspiration</p> <p>ix. Injections -Intramuscular / Intravenous / Subcutaneous / Intradermal</p> <p>x. Incision and drainage of</p>				

	abscess xi. Suturing of open wounds				
43.	5. Observation of following procedures i. Circumcision ii. Hydrocele iii. Hernial repair iv. Vasectomy v. Haemorrhoidectomy vi. Fistulectomy vii. Fissurectomy viii. Appendectomy ix. Cholecystectomy	To have basic understanding of various surgical procedures.	To give live demonstration of various surgical procedures.	Didactic PBL SIS	
44.	6. Training of Surgical Emergencies and Management.	To have basic understanding of various surgical emergencies and their management.	To give live demonstration of various surgical emergencies and their management.	Didactic PBL SIS	

Note:

PAPER –I

Part - A – SI No- 1-16

Part - B – SI No-17-25

PAPER - II

Part - A – SI No- 26-36

Part - B – SI No-37-38

Practicals – SI.No – 39-44

Theory Two papers- 100 marks each

Lectures-200 hrs

Practicals-150 hrs

Practical/Viva voce – 100 marks

Total marks - 300