

B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,
Dist.Thane, 421503**

COURSE CURRICULUM

MONTHLY TOPIC PLAN

**(THIRD PROFESSIONAL BAMS)
Batch 2021-22**

Shalya Tantra

(General Surgery)

(SUBJECT CODE : AYUG-ST)

- 1. Dr. Swati R. Yedke**
(HOD & Professor)
- 2. Dr. Supriya Desai**
(Assocoate Professor (Reader)
- 3. Dr. Prachi Vijay Yadav**
(Asistant Professor (Lecturer)
- 4. Dr.Rutuja Chavan**
(Asistant Professor (Lecturer)
- 5. Dr. Shweta Mhatre**
(Assistant Professor (Lecturer)
- 6. Dr. Nilima Valvi**
(Assocoate Professor (Reader)
- 7. Dr. Madhulika Sharma**
(Professor)

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MONTHLY TOPIC PLAN FOR 3RD PROFESSIONAL BAMS Batch 2021-22

Paper 1 (Fundamentals of Shalya Tantra)							
TERM 1 ST TOPICS							
A. PERIODICAL ASSESSMENT 1 ST :-							
SR. NO	TOPIC	TERM	LH	NL HT	NL HP	MONTH	FACULTY
1.	Introduction to Shalya Tantra (Introduction to development of surgery)	1	1	1	4	April	Dr.Swati & Dr.Supriya
	1. Definition of Shalya, Shalya Tantra and its Importance.		1	--	--		
	2. Chronological development of surgery fromancient to present era.		--	1	--		
	3. General scheme of surgical case taking.		--	--	2		
	4. Special signs and symptoms pertaining to surgery.		--	--	2		
2.	Yantra and Shastra (Blunt and sharp instruments)	1	2	0	2	April	Dr.Rutuja
	1. Yantra - Nirukti, Prakara, Guna, Prayog,Dosha, Karma, Upayantra and Relevant modern instruments.		1	--	--		
	2. Shastra - Nirukti, Prakara, Guna, Prayog,Dosha, Karma, Anushastra and Relevant modern instruments.		1	--	--		
	3. Demonstration (Comparison and classification with modern instruments)		--	--	2		
3.	Nirjantukarana (Sterilization)	1	1	1	4	April	Dr.Swati
	1. Sterilization – Methods and Types.		1	--	--		
	2. Knowledge about Vranitagara.		--	1	--		
	3. Aseptic techniques, Sterilization and Disinfection of Surgical instruments, OT sterilization.		--	--	2		
	4. Hands on training - Hand washing techniques, Donning of Gloves and Gown.		--	--	2		
PERIODICAL ASSESSMENT TEST 1 ST							
B. PERIODICAL ASSESSMENT 2 ND :-							
4.	Sangyaharana (Anaesthesia)	1	2	2	4	April	Dr. Supriya
	1. Sthaniya Sangyaharana (Local anaesthesia) – Medicines, Techniques,Indications,Contraindications, Complications and Management.		1	--	--		
	2. Kshetriya and Samanya Sangyaharana (Regional and General anaesthesia) –Medicines, Techniques, Indications,Contraindications, Complications and Management.		1	--	--		
	3. Principles of preoperative assessment.		--	1	--		
	4. Demonstration/Hands on Training - CPR.		--	1	--		
	5. Demonstration/Hands on Training -maintenance of an airway / endotracheal intubation in a mannequin.		--	--	2		
	6. Principles of safe General Surgery and Surgical Ethics		--	--	2		
5.	Trividha Karma (Pre, Operative and Post Operative care)	1	1	1	2	May	Dr. Shweta
	1. Trividha Karma – Purva Karma (in relation to instruments, patient and procedure),Pradhana Karma – Ashtavidha Shastra Karma (Surgical/Parasurgical procedures),Paschat Karma – Post operative care of patient.		1	--	--		

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	2. Steps to obtain informed consent for a procedure in a patient/simulated environment.		--	1	--		
	3. Observe common surgical procedures and assist in minor surgical procedures; Observe emergency lifesaving surgical procedures.		--	--	2		
6.	Shastra Karma (Operative procedure)	1	3	0	10	April & May	Dr. Rutuja
	1. Ashtavidha Shastra Karma - Nirukti,Yogya, Ayogya, Prakara with modern correlations of Chhedan, Bhedan andLekhan.		1	--	--		
	2. Ashtavidha Shastra Karma – Nirukti,Yogya, Ayogya, Prakara with modern correlations of Eshana, Aaharan andVisravan.		1	--	--		
	3. Ashtavidha Shastra Karma – Nirukti,Yogya,Ayogya, Prakara with modern correlations of Vedhan and Seevan.		1	--	--		
	4. Hands on training on Prathamopachara.(First Aid)		--	--	2		
	5. Demonstration of Chhedan (Excision),Bhedan (Incision), Lekhan (Scraping) on patient/simulator.		--	--	2		
	6. Demonstration of Vedhan and Visravan(Paracentesis of Ascitic fluid, Hydrocele-Tapping, Pleural effusion-Thoracocentesis) on the patient/simulator.		--	--	2		
	7. Demonstration of Aharan and Eshan(Extraction and Probing) on thenpatient/simulator.		--	--	2		
	8. Demonstration of Seevan (Suturing and Knots) and minor surgical procedures on the patient/simulator.		--	--	2		
7.	Yogya (Experimental Surgical Training)	1	1	0	8	May	Dr. Shweta
	1. Importance of Simulation-based teaching in surgical practice (Yogya Vidhi).		1	--	--		
	2. Perform Basic Surgical Skills - Hands on training on Simulators with relevant modern techniques.		--	--	2		
	3. IV canulation,IM/IV/Subcutaneous/Intradermal Injection.		--	--	2		
	4. Ryle's tube and Drains insertion.		--	--	2		
	5. Urinary catheterization.		--	--	2		
Periodical assessment test 2 nd							
C. Periodical assessment 3 rd :-							
8.	Marma (Vital points)	1	2	0	2	May	Dr.Swati
	1.Marma – Nirukti, Prakara and Individual Marma Viddha Lakshanas.		1	--	--		
	2. Marmaghata Chikitsa and its surgical importance.		1	--	--		
	3. Marma identification and manipulation techniques in musculoskeletal disorders (Avabahuka-Frozen shoulder, Snayugata Vata-Tennis Elbow, Gridhrasi-Sciatica,Cervical Spondylosis, etc.) and Sports Injuries		--	--	2		
9.	Kshara Karma	1	2	2	4	May & June	Dr. Swati
	1.Kshara and Kshara Karma – Nirukti, Pradhanata, Guna, Dosha, Karma, Prakara,Yogya, Ayogya, Vidhi, Upadrava andChikitsa.		1	--	--		
	2. Clinical application of Kshara Sutra,Pratisaraneeya Kshara, Kshara Taila,Kshara Varti and Ksharodaka in different surgical conditions.		1	--	--		
	3. Video demonstration of Kshara, KsharaSutra – Preparation and Method of application.		--	1	--		

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	4. Demonstration of handling of patient with Kshara Sutra changing.		--	1	--		
	5. Demonstration and hands on training of Ksharodaka, Kshara Taila, Kshara Varti, Kshara Pichu in Dushtavrana.		--	--	2		
	6. Demonstration and hands on training of Kshara Karma in Anorectal disorders.(Arsha, Bhagandara, Nadvirana etc.)		--	--	2		
10.	Agnikarma	1	2	0	4	June	Dr. Rutuja
	1. Agnikarma - Mahatva, Upakarana, Vidhi, Akrutibheda, Yogya, Ayogya and Upadrava Chikitsa.		1	--	--		
	2. Dhumopahat & Ushna Vatatap Dagdha Lakshan and Chikitsa. Contemporary techniques and tools of Agnikarma.		1	--	--		
	3. Hands on experience of Agnikarma in the Pain management of any one disease(Gridhrasi, Avabahuka etc.).		--	--	2		
	4. Hands on experience of Agnikarma as disease modifying management of any one surgical disease (Arsha, Charmakeel etc.)		--	--	2		
11.	Raktamokshana	1	3	0	6	June	Dr. Supriya
	1. Raktamokshana - Mahatva, Prakara.Siravedha - Yogya, Ayogya, Vidhi, Upadrava and Chikitsa.		1	--	--		
	2. Pracchanna, Shringa, Alabu - Yogya, Ayogya, Vidhi, Upadrava and Chikitsa.		1	--	--		
	3. Jaloukavacharana - Yogya, Ayogya, Vidhi, Upadrava and Chikitsa.		1	--	--		
	4. Hands on experience of Siravedha as disease modifying management of any one surgical disease (Grudhrasi, Uttan Vatarakta etc.).		--	--	2		
	5. Hands on experience of Alabu as disease modifying management of any one surgical disease (Katigraha, Manya Graha etc.).		--	--	2		
	6. Hands on experience of Jaloukavacharana (Leech Therapy) as disease modifying management of any one surgical disease(Vidradhi, Dushtavrana, Koth etc.).		--	--	2		
12.	Bandha Vidhi	1	1	1	4	May & June	Dr. Rutuja
	1. Bandha Vidhi - Prayojana, Dravya (Pichu, Plota, Kavalika and Vikeshika), Yogya, Ayogya, Prakara and Upadrava.		1	--	--		
	2. Hands on training on Simulator with relevant modern techniques of Bandaging.		--	1	--		
	3. Brief knowledge of Splints (Ayurveda and Modern).		--	--	2		
	4. Transportation of injured patient (Double Human Crutch, Fireman's Lift, Twohanded seat etc.) and recovery position		--	--	2		
Periodical assessment test 3rd							
13.	Pranashta Shalya	1	1	0	2	June	Dr. Shweta
	1. Pranashta Shalya and Nirharana Upaya (Identification and Principles of management).		1	--	--		
	2. Heimlich Maneuver- Hands on training (Choking).		--	--	2		
14.	Fluid, Electrolyte, Acid Base Balance and Nutrition in surgical practice	1	3	1	4	June & July	Dr. Supriya
	1. Introduction to Physiology of Fluids and		1	--	--		

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	Electrolytes.						
	2. Dehydration and Over hydration.		1	--	--		
	3. Specific electrolyte loss, Acidosis,Alkalosis, Symptomatology and Management.		1	--	--		
	4. Parenteral Nutrition.		--	1	--		
	5. Calculations and Selections of fluids in various conditions like Dehydration, Shock,Burns etc.		--	--	2		
	6. Acid Base Balance in various conditions like perforation, vomiting etc.		--	--	2		
15.	Rakta	1	2	2	0	June & July	Dr. Swati
	1. Rakta Mahatva and Rakta – Chaturtha Dosha.		1	--	--		
	2. Raktasrava - Prakara and Lakshana. Haemorrhage and its management.		1	--	--		
	3. Raktastambhana - Haemostasis.		--	1	--		
	4. Raktadhan (Blood Transfusion) – Blood groups, Compatibility, Indications,Contraindications and Complications with Management. Component Therapy.		--	1	--		
D. Periodical assessment 4th :-							
16.	Life Saving and Emergency Medicines in surgical practice (Prana Rakshaka and Atyayika Dravya)	1	3	0	0	July	Dr. Shweta
	1. Jeevanurodhak Dravya (Antibiotics)- Classification, Indications,Contraindications and Dose.		1	--	--		
	2. Vedanaprashamana and Shothaprashamana Dravya (Analgesics and Anti-inflammatory Drugs) - Classification, Indications,Contraindications and Dose.		1	--	--		
	3. Atyayik Dravya (Emergency Drugs) -Atropine, Adrenaline, Dopamine,Mephentine Hydrochloride, Hydrocortisone, Dexamethasone,Antiemetic drugs - Indications,Contraindications and Dose in surgical Practice		1	--	--		
17.	Naidanik Vidhi (Diagnostic techniques)	1	2	0	6	July	Dr.Shweta
	1. Chhaya Vikiran (X-Ray), Avayava Pariksha (Ultrasonography, CAT Scan, MRI) –Principles, Method, Indications andContraindications.		1	--	--		
	2. Kosha Pariksha (Biopsy/Cytological study) - Principles, Method, Indications andContraindications.		1	--	--		
	3. Chhaya Vikiran (X-rays) of Chest,Abdomen, Urology and Musculoskeletal diseases. (Interpretation)		--	--	2		
	4. Demonstration of CT, MRI of Chest,Abdomen, Urology, Bones and Joints.		--	--	2		
	5. Different types of Biopsy. (Hands-ontraining)		--	--	2		
Term 2nd topics							
18.	Shat Kriyakala in surgical practice	2	1	0	2	July	Dr. Supriya
	1. Shat Kriyakala in surgical practice.		1	--	--		
	2. Shat Kriyakala of Arsha, Bhagandara with a special focus on infective pathology, e.g.,Unduka Pucha Shotha (Appendicitis),Pittashaya Shotha (Cholecystitis) etc.		--	--	2		
19.	Samanya Vyadhi Parichaya	2	6	3	6	July & August	Dr.Swati & Dr.Nilima
	1. Vranashotha (Inflammation) - Nirukti,Nidana, Samprapti, Prakara, Lakshana,Sadhya-Asadhyata, Upadrava and Chikitsa.		--	1	--		

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	2. Vidradhi (Abscess) and Pidika (Boils) -Nidana, Samprapti, Prakara, Lakshana,Sadhya-Asadhyata, Upadrava and Chikitsa.		1	--	--		
	3. Pramada Dagdha/Dagdha Vrana (Burn) - Etiopathogenesis, Classification,Assessment of Burn, Complications and Management of Burn.		1	--	--		
	4. Marmaghata (Shock) - Definition,Classification, Etiopathogenesis,Clinical features, Diagnosis and Management of Hypovolaemic, Traumatic and Neurogenic Shock.		1	--	--		
	5. Cardiogenic & Septic Shock and Crush syndrome - Etiopathogenesis,Clinical features, Diagnosis and Management.		1	--	--		
	6. Kotha (Gangrene) – Etiopathogenesis,Types,Clinical features, Investigations,Differential Diagnosis, Complications and Management.		--	1	--		
	7. Granthi (Dermoid Cyst and Sebaceous Cyst) - Nidana, Prakara, Samprapti,Lakshana and Chikitsa.		1	--	--		
	8. Arbuda - Nidana, Prakara, Samprapti,Lakshana and Chikitsa.		1	--	--		
	9. Tumour - Definition, Classification,Clinical features, Complications and Management.		--	1	--		
	10. Examination of Granthi (lump or swelling).		--	--	2		
	11. Emergency management in different types of Shock (Case presentation/PBL/Roleplay).		--	--	2		
	12. Assessment and documentation of PramadaDagdha (Burn case).		--	--	2		
20.	Vrana	2	7	2	6	July & August & September	Dr. Rutuja
	1. Vrana – Nirukti, Prakara, Nidana,Samprapti, Vrana Vastu, Prakara,Lakshana, Vrana Pariksha and Vrana Sadhya-Asadhyata.		1	--	--		
	2. Vrana Avastha - Dustavrana, Shuddha Vrana, Ruhyamana Vrana, Samyak RoodhaVrana, Pathya-Apathya and VranaUpadrava.		1	--	--		
	3. Vrana Chikitsa –Shashti Upakrama – first 21 Upakramas.		1	--	--		
	4. Shashti Upakrama –22 to 40 Upakramas.		1	--	--		
	5. Shashti Upakrama – 41 to 60 Upakramas except Ashtavidha Shastra Karma.		1	--	--		
	6. Ulcer – Definition, Types, Wound healing stages and Management.		1	--	--		
	7. Prameha Pidaka - Diabetic carbuncle and wounds.		1	--	--		
	8. Sadhyo Vrana (Traumatic wounds) –Nidana,Prakara, Lakshana, Upadrava and Chikitsa.		--	1	--		
	9. Examination of an Ulcer.		--	--	2		
	10. Examination of the Peripheral nerve lesions.		--	--	2		
	11. Surgical site infection.		--	1	1		
	12. Demonstration of wound dressings.		--	--	1		
PERIODICAL ASSESSMENT TEST 4TH							
E. PERIODICAL ASSESSMENT 5TH :-							
21.	Kshudra Roga	2	2	0	2	September	Dr. Shweta
	1. Kshudra Roga - Clinical features.		1	--	--		
	2. Kshudra Roga - Management.		1	--	--		
	3. Examination of the Hand.		--	--	2		
22.	Manya Vikara	2	3	3	6	August	Dr. Shweta

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	1. Galaganda, Gandamala, Apachi - Nidana, Samprapti, Lakshana and Chikitsa.		1	--	--	& September & October	
	2. Pashanagardabha (Parotitis) –Etiopathogenesis, Clinical features,Investigations, Differential Diagnosis, Complications and Management.		1	--	--		
	3. Thyroid gland - Surgical anatomy and Physiology.		--	1	--		
	4. Galaganda (Goitre)- Etiopathogenesis,Clinical features, Investigations,Differential Diagnosis, Complications andManagement.		1	--	--		
	5. Toxic Goitre, Thyroiditis - Clinical features and Management.		--	1	--		
	6. Neoplasms of Thyroid - Clinical features and Management.		--	1	--		
	7. Examination of Thyroid gland.		--	--	2		
	8. Examination of the Gala (Neck).		--	--	2		
	9. Examination of a Lymphatic system.		--	--	2		
23.	Sira Vikara (Venous Disorders)	2	3	1	4	September & November	Dr.Swati
	1. Surgical Anatomy and Pathology.		--	1	--		
	2. Superficial and Deep Venous Thrombosis - Etiopathogenesis, Clinical features,Investigations, Differential Diagnosis,Complications and Management.		1	--	--		
	3. Sira Granthi (Varicose veins) -Etiopathogenesis, Clinical features,Investigations, Differential Diagnosis, Complications and Management.		1	--	--		
	4. Clinical examination of Sira Granthi (Varicose veins).		--	--	2		
	5. Clinical examination of Siraja Vrana (Venous Ulcers).		1	--	--		
	6. Examination and differential diagnosis of unilateral and bilateral Lower Limb Oedema.		--	--	2		
24.	Dhamani Vikara (Arterial disorders)	2	3	0	2	November	Dr.Nilima
	1. Dhamani Granthi (Aneurysm)– Etiopathogenesis, Clinical features,Investigations, Differential Diagnosis, Complications and Management.		1	--	--		
	2. Buerger's Disease - Etiopathogenesis,Clinical features, Investigations,Differential Diagnosis, Complications and Management.		1	--	--		
	3. Raynaud's Disease - Etiopathogenesis, Clinical features, Investigations,Differential Diagnosis, Complications andManagement.		1	--	--		
	4. Examination of the Dhamani Vikara(Arterial disorders).		--	--	2		
25.	Snayu Vikara (Diseases of tendons and ligaments)	2	2	0	4	November	Dr.Rutuja
	1. Snayu Shotha (Tendonitis), Pratan Shotha (Tenosynovitis), Pratan Granthi (Ganglion), Dupuytren's Contracture- Etiopathogenesis, Clinical features,Investigations and Management.		1	--	--		
	2. Amputation –Definition, Classification,Indications, Contraindications and Complications.		1	--	--		
	3. Techniques of Amputation With examples of individual amputation – Video Demonstration/Hands-on training on simulator.		--	--	2		
	4. Examination of Diseases of Snayu Vikara (Diseases of tendons and ligaments).		--	--	2		
26.	AIDS - HIV and Hepatitis (B and C)	2	1	0	2	November	D. Nilima
	1. Etiopathogenesis, Diagnosis and Management.		1	--	--		

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	2. Demonstration of safety precautions and care needs to be taken in the infected patients.		--	--	2		
PERIODICAL ASSESSMENT TEST 5TH							
Paper 2 (Shalya Tantra Chikitsa Siddhanta)							
F. PERIODICAL ASSESSMENT 6TH :-							
27.	Bhagna (Skeletal Injuries)	2	3	5	8	September & October & November & December	Dr. Shweta
	1. Asthi Bhagna/Kanda Bhagna (Fracture) -Nidana, Prakara, Lakshana, Upadrava and Chikitsa.		1	--	--		
	2. Ansaphalaka Bhagna (Scapula Fracture),Akshakasthi Bhagna (Clavicle Fracture) -Clinical features, Diagnosis, Complications and Management.		--	1	--		
	3. Pragandasthi Bhagna (Humerus Fracture), Bahiprakoshthasthi Bhagna (Radius Fracture), Antaparakoshthasthi Bhagna (Ulna Fracture) - Clinical features,Diagnosis, Complications and Management.		2	--	--		
	4. Urvasthi Bhagna (Femur Fracture),Janwasthi Bhagna (Patella), Antar Janghasthi and Bahir Janghasthi Bhagna(Tibia and Fibula Fracture) – Clinical features, Diagnosis, Complications and Management.		--	1	--		
	5. Sroni Bhagna (Fracture of the Pelvis) -Clinical features, Diagnosis, Complications and Management.		--	1	--		
	6. Sandimoksha (Dislocation) - Nidana,Prakara, Lakshana, Upadrava and Chikitsa.		--	1	--		
	7. Ansa Sandhimoksha (Shoulder joint Dislocation), Kurpara Sandhimoksha(Elbow joint Dislocation) – Clinical features, Diagnosis, Complications and Management.		--	1	--		
	8. Vankshana Sandhimoksha (Hip jointDislocation) - Clinical features, Diagnosis,Complications and Management.		--	--	2		
	9. Examination of the Asthi Abhighata (Bone Injuries).		--	--	2		
	10. Examination of Sandhi Abhighata (Joint Injuries).		--	--	2		
	11. Hands on training - Immobilisation,Traction - skin and skeletal.		--	--	2		
	12. Hand on training - First Aid in cases of Bhagna and Sandimoksha (Fracture and Dislocation)		--	--	2		
28.	Asthi Sandhi Vikara (Diseases of Bone and Joints)	2	2	2	6	November & December	Dr.Swati & Dr.Madhulika
	1. Asthi Vidradhi (Osteomyelitis) -Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	2. Asthi Granthi and Arbuda (Bone Cysts and Tumours) - Clinical features, Diagnosis and Management.		--	1	--		
	3. Asthi Kshaya (Bone Tuberculosis) - Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	4. Asthi Shosha (Osteoporosis), Paget's Disease - Clinical features, Diagnosis and Management.		--	1	--		
	5. Examination of the Diseases of Bone.		--	--	3		
	6. Examination of Pathological Joints.		--	--	3		
29.	Shirobhighata (Cranio-cerebral Injurie/ Disorders)	2	2	1	2	December	Dr.Madhulika
	1. Shirobhighata (Scalp injury and Skull fracture) – Clinical features and Management.		1	--	--		
	2. Mastulunga Abhighata (Brain injury) -Cerebral Concussion, Contusion and Laceration. Haemorrhage – Clinical features, Diagnosis and Management.		1	--	--		

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	3. Mastishka Arbuda (Benign and Malignant tumours of Brain) – Clinical features,Diagnosis and Management.		--	1	--		
	4. Examination of Shirobhighata (Cranioerebral Injuries/Disorders).		--	--	2		
30.	Kasheruka Vikara (Diseases of Spine)	2	1	1	4	December	Dr. Nilima
	1. Kasheruka Kshaya (Spinal Tuberculosis) - Etiopathogenesis, Classification, Investigations, Complications and Primary Management.		1	--	--		
	2. Ankylosing Spondylitis - Etiopathogenesis, Classification, Investigations,Complications and Primary Management.		--	1	--		
	3. Examination of Kasheruka Abhighata (Spinal Injuries) and Abnormalities.		--	--	2		
	4. Clinical examination of non-traumatic spinal disorders.						
	5. Three stage stabilization with Logroll hands on training		--	--	2		
31.	Stana Roga (Diseases of Breast)	2	1	2	2	December & January	Dr.Madhulika
	1. Stana Vidradhi (Breast abscess) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	2. Stana Granthi (Fibroadenoma) and Fibroadenosis - Etiopathogenesis,Classification, Clinical features, Diagnosis,Complications and Management.		--	1	--		
	3. Stana Arbuda (Benign and Malignant tumours of Breast) - Etiopathogenesis,Classification, Clinical features, Diagnosis,Complications and Management.		1	--	--		
	4. Examination of the Breast – Patient education for ‘Self Examination of Breast’.		--	--	2		
32.	Urah Vikara (Diseases of Chest)	2	1	1	4	December & January	Dr.Nilima
	1. Urah Abhighata - Chest Injury(Parshukasthi Bhagna - Fracture of Ribs,Pneumothorax, Haemothorax, Stove in Chest, Flail Chest and Surgical Emphysema) - Etiopathogenesis,Classification, Clinical features, Diagnosis,Complications and Management.		1	--	--		
	2. Phupusavarana Shotha (Pleurisy),Phupusavarana Vidradhi (Pleural Abscess),Pleural Effusion, Phupusa Granthi (Cysts of Lung), Phupusa Arbuda (Benign and Malignant tumours of Lung) -Etiopathogenesis, Classification, Clinical features, Diagnosis and Management.		--	1	--		
	3. Examination of Urah Abhigata (Injuries of the Chest).		--	--	2		
	4. Examination of Urah Vikara (Diseases of the Chest).		--	--	2		
PERIODICAL ASSESSMENT TEST 6 TH							
33.	Anna Nalika Vikara (Diseases of Oesophagus)	2	2	1	2	December & January	Dr.Shweta
	1. Sahaja Vikara (Congenital Anomalies),Anna Nalika Shotha (Oesophagitis) -Etiopathogenesis,Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	2. Anna Nalika Raktasrava (Oesophageal Varices) - Etiopathogenesis, Classification,Clinical features, Diagnosis, Complications and Management.		--	1	--		
	3. Anna Nalika Arbuda (Benign and Malignant tumours of Oesophagus) –Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		

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	4. Examination of Dysphagia.		--	--	2		
34.	Gulma Roga	2	1	0	0	January	Dr.Swati
	1. Gulma Roga - Nidana, Prakara, Lakshana, Upadrava and Chikitsa.		1	--	--		
35.	Shoola Vyadhi	2	1	0	2	January	Dr.Prachi
	1. Shoola - Nidana, Prakara, Lakshana, Upadrava and Chikitsa.		1	--	--		
	2. Examination of Acute Abdomen		--	--	2		
G. PERIODICAL ASSESSMENT 7TH :-							
36.	Udara Roga	2	1	2	0	January & February	Dr.Shweta
	1. Udara Roga (Yakritodar, Pleeohodar, Chhidrodar, Baddhagudodar) - Nidana, Prakara, Samprapti, Lakshana and Chikitsa.		1	--	--		
	2. Jalodara (Ascites) - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	3. Peritonitis - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		--	1	--		
37.	Aamashaya Evam Adho-Aamashaya Vikara (Diseases of Stomach and Duodenum)	2	2	1	2	January & February	Dr.Nilima
	1. Annadrava Shoola and Parinama Shoola (Peptic Ulcer) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management..		1	--	--		
	2. Pyloric stenosis – Clinical Diagnosis and Management.		1	--	--		
	3. Aamashaya Arbuda (Benign and Malignant tumours of Stomach) - Clinical Diagnosis and Management.		--	1	--		
	4. Examination of Abdominal Lump.		--	--	2		
38.	Kshudrantra Vikara (Diseases of Small Intestine)	2	4	2	1	January & February	Dr.Madhulika
	1. Kshudrantra Kshaya Janya Vikara (Tuberculosis of Intestine) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	2. Blind Loop Syndrome, Short Bowel Syndrome and Typhoid Enteritis - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	3. Kshudrantra Arbuda (Benign and Malignant tumours of Intestine) – Clinical features, Diagnosis and Management.		1	--	--		
	4. Baddhagudodar (Intestinal Obstruction) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	5. Antrantara Pravesha (Intussusception) Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	6. Chidrodara (Perforation) - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	7. Per Abdominal Examination		--	--	1		
39.	Brihadantra Vikara (Diseases of Large Intestine)	2	2	1	1	January & March	Dr.Prachi
	1. Grahani (Crohn's Disease and Ulcerative Colitis) - Etiopathogenesis, Clinical Features, Diagnosis, Complications and Management.		1	--	--		
	2. Unduka Puchha Shotha (Appendicitis) - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management		1	--	--		

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	3. Brihadantra Arbuda (Benign and Malignant tumours of Colon) - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	4. Examination of Chronic Abdomen		--	--	1		
TERM 3 RD TOPICS							
40.	Guda Vikara (Diseases of Rectum and Anal Canal)	3	5	4	4	January & February & March & April	Dr.Shweta
	1. Surgical Anatomy and Physiology.		--	1	--		
	2. Gudabhamsha (Prolapse of the rectum) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	3. Guda Vidradhi (Anorectal Abscesses) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management		--	1	--		
	4. Bhagandara (Fistula-in-ano) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	5. Arsha - Nidana, Prakara, Samprapti, Lakshana and Chikitsa.		1	--	--		
	6. Haemorrhoids - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	7. Parikartika (Fissure-in-ano) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	8. Guda Arbuda (Benign and Malignant tumours of Rectum and Anal Canal) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	9. Shalyaja Nadi Vrana (Pilonidal Sinus), Guda Paka (Proctitis), Guda Kandu (Pruritis Ani) and Guda Abhighata (Injuries of Anorectal Region) –Clinical features and Management.		--	1	--		
	10. Examination of a Nativrana (Sinus) and Bhagandara (Fistula).		--	--	2		
	11. Examination of Anorectal Cases.		--	--	2		
41.	Udarabhighata (Abdominal Injuries)	3	1	0	2	February	Dr. Prachi
	1. Udarabhighata (Abdominal Injuries) –Clinical features and Management.		1	--	--		
	2. Examination of Udarabhighata (Abdominal Injuries).		--	--	2		
42.	Yakrit Vikara (Diseases of Liver)	3	3	1	10	February & April	Dr.Nilima
	1. Yakrit Abhighata (Liver Injury) - Etiology, Clinical features, Diagnosis and Emergency management.		1	--	--		
	2. Yakrit Vidradhi (Liver Abscess) and Yakrit Granthi (Cysts of Liver) - Etiology, Clinical features, Diagnosis and Management.		1	--	--		
	3. Yakrit Arbuda (Benign and Malignant tumours of Liver) - Etiology, Clinical features, Diagnosis, Classification and Management.		1	--	--		
	4. Demonstration of Surgical anatomy of the Liver, Acute Liver Injury on the patient/simulator.		--	--	2		
	5. Videographic demonstration of diagnosis and evaluation of Surgical Jaundice on the patient/simulator.		--	--	2		
	6. Group Discussion on the case of Yakrit Abhighata (Acute Liver Injury).		--	1	--		

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	7. Practical / Videographic demonstration of Yakritodara (Hepatomegaly) and Yakrit Vidradhi (Liver Abscess) on the patient/simulator.		--	--	2		
	8. Videographic demonstration of Case of Portal Hypertension on the patient/simulator.		--	--	2		
	9. Videographic demonstration of Surgical Management of Portal Hypertension		--	--	2		
PERIODICAL ASSESSMENT TEST 7 TH							
H. PERIODICAL ASSESSMENT 8 TH :-							
43.	Pittashaya Vikara (Diseases of Gall Bladder)	3	2	1	8	February & March & April	Dr.Prachi
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		--	1	--		
	2. Choledochal Cyst and Congenital Biliary Atresia, Pittashaya Ashmari (Cholelithiasis)- Etiology, Clinical features, Diagnosis,Complications and Management.		1	--	--		
	3. Pittashaya Shotha (Cholecystitis) and Choledocholithiasis - Etiopathogenesis,Clinical features, Diagnosis, Complications and Management.		1	--	--		
	4. Videographic demonstration of Biliary atresia and its complications on patient/simulation.		--	--	2		
	5. Videographic demonstration of MRCP and ERCP on the patient/simulator.		--	--	2		
	6. Demonstration of Pittashaya Shotha(Cholecystitis) on the patient/simulator.		--	--	2		
	7. Class discussion/Case presentation /Video demonstration/Roleplay/Clinical Diagnosis of Hepatobiliary Diseases.		--	--	2		
44.	Agnyashaya Vikara (Diseases of Pancreas)	3	3	1	6	March & April	Dr.Shweta
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		--	1	--		
	2. Agnyashaya Shotha (Pancreatitis) -Etiopathogenesis, Classification, Clinical features, Investigations, Diagnosis,Complications and Management.		1	--	--		
	3. Agnyashaya Granthi (Cysts and Pseudocyst of Pancreas) - Etiopathogenesis, Clinical features, Diagnosis and Management.		1	--	--		
	4. Agnyashaya Arbuda (Benign and Malignant tumours of Pancreas),Insulinoma and Zollinger Ellisson Syndrome - Clinical features, Diagnosis and Management.		1	--	--		
	5. Class discussion/Case presentation/Video demonstration/Roleplay of Agnyashaya Abhighata (Pancreatic Injury) and Agnyashaya Shotha (Pancreatitis) on the patient/simulator.		--	--	2		
	6. Presentation/Video demonstration/Roleplay of demonstration of Pseudo Pancreatic cyst on the patient/simulator.		--	--	2		
	7. Class discussion/Case presentation/Video demonstration/Roleplay of demonstration of Agnyashaya Arbuda (Benign and Malignant tumours of Pancreas).		--	--	2		
45.	Pleeha Vikara (Diseases of Spleen)	3	3	0	2	March & April	Dr.Nilima
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		1	--	--		
	2. Pleeha Abhighata (Rupture of Spleen) - Etiopathogenesis, Classification, Clinical features, Investigations and Management.		1	--	--		

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	3. Hypersplenism and Pleeha Vridhi(Splenomegaly) - Etiopathogenesis,Classification, Clinical features and Management.		1	--	--		
	4. Class discussion/Case presentation/Video demonstration/Roleplay for Demonstration of Pleeha Vridhi (Splenomegaly) on the patient/simulator.		--	--	2		
46.	Vrikka Evam Mutravahini Vikara (Diseases of Kidney and Ureters)	3	5	4	2	April & May	Dr.Madhulika
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		--	1	--		
	2. Vrikka Granthi (Polycystic Kidney), Horse shoe Kidney - Etiopathogenesis, Clinical features, Diagnosis and Management.		--	1	--		
	3. Vrikka Evam Mutravahini Vikara Abhighata (Injuries to Kidneys and Ureters)– Clinical features and Management.		--	1	--		
	4. Hydronephrosis - Etiopathogenesis,Classification, Clinical features and Management.		1	--	--		
	5. Pyelonephritis - Etiopathogenesis, Classification, Clinical features and Management.		1	--	--		
	6. Vrikka Vidradhi (Perinephric Abscess and Renal Abscess) - Etiopathogenesis, Clinical features and Management.		1	--	--		
	7. Vrikka Ashmari (Renal Calculus) -Etiopathogenesis, Types, Clinical features,Investigations, Complications and Management.		1	--	--		
	8. Mutravahini Ashmari (Ureteric Calculus) - Etiopathogenesis, Classification, Clinical features, Investigations and Management.		--	1	--		
	9. Vrikka Arbuda (Benign and Malignant tumours of the Kidney) - Etiopathogenesis,Classification, Clinical features and Management.		1	--	--		
	10. Class discussion/Case presentation/ Video demonstration/Roleplay of case of Chronic Kidney Disease		--	--	2		
47.	Mutrashaya Vikara (Diseases of Urinary bladder)	3	3	2	4	April & June	Dr.Prachi
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		--	1	--		
	2. Mutrashaya Shotha (Cystitis) -Etiopathogenesis, Clinical features,Diagnosis and Management.		1	--	--		
	3. Mutrashmari (Vesical Calculus) -Etiopathogenesis, Clinical features,Diagnosis, Investigations and Management.		1	--	--		
	4. Mutrashaya Arbuda (Benign and Malignant tumours of Urinary Bladder) -Etiopathogenesis, Clinical features,Diagnosis, Complications and Management.		1	--	--		
	5. Video demonstration of the process of Cystoscopy, PCNL and ESWL on the patient/simulator.		--	--	2		
	6. Raktamutrata (Haematuria), Mutra Kshaya(Oliguria), Mutra Sankshaya (Anuria),Neurogenic Bladder - Case evaluation/Classpresentation/Roleplay/Group discussion.		--	1	--		
	7. Examination of Urinary case.		--	--	2		
48.	Mutraghata and Mutrakrichra	3	2	0	2	April & June	Dr.Shweta
	1. Mutrakrichra (Dysuria) - Nidana,Samprapti,Prakara, Lakshana, Upadrava and Chikitsa.		1	--	--		
	2. Mutraghata (Retention of Urine) - Nidana,Samprapti,		1	--	--		

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	Prakara, Lakshana, Upadrava and Chikitsa.						
	3. Video demonstration of Suprapubic Catheterization		--	--	2		
PERIODICAL ASSESSMENT TEST 8 TH							
I. PERIODICAL ASSESSMENT 9 TH :-							
49.	Paurusha Granthi Vikara (Diseases of Prostate)	3	3	1	4	May & June	Dr.Nilima
	1. Surgical Anatomy and Physiology.		--	1	--		
	2. Paurusha Granthi Shotha (Prostatitis),Paurusha Granthi Vidradhi (Prostatic Abscess) - Etiopathogenesis, Classification,Clinical features, Diagnosis, Complications and Management.		1	--	--		
	3. Mutrashtheela/Vatashtheela (Benign Prostatic Hyperplasia) - Etiopathogenesis,Clinical features, Diagnosis, Complications and Management.		1	--	--		
	4. Paurusha Granthi Arbuda (Benign and Malignant tumours of Prostate) -Etiopathogenesis, Classification, Clinicalfeatures, Diagnosis, Complications and Management.		--	--	2		
	5. Demonstration of Prostatic Enlargement through Digital rectal examination on the patient/simulator.		1	--	--		
	6. Video demonstration of TURP on the patient/simulator		--	--	2		
50.	Mutramarga Vikara (Diseases of Urethra)	3	2	1	0	June	Dr.Madhulika
	1. Mutramarga Sahaja Vikara (Congenital Anomalies of Urethra) – Etiopathogenesis, Diagnosis and Treatment.		--	1	--		
	2. Mutramarga Shotha (Urethritis) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	3. Mutramarga Abhighata (Injuries to Urethra)and Mutramarga Sankocha (Urethral Stricture) - Clinical features and Management.		1	--	--		
51.	Medhra Vikara (Diseases of Penis)	3	3	2	2	June & July	Dr.Prachi
	1. Sahaja Vikara - Congenital Anomalies(Hypospadias, Epispadias and Ectopia Vesicae) - Clinical features, Diagnosis,Complications and Management		1	--	--		
	2. Parivartika (Paraphimosis), Avapatika(Preputial Tear) - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	3. Niruddha Prakasha (Phimosis) -Etiopathogenesis, Clinical features,Diagnosis, Complications and Management.		1	--	--		
	4. Medhra Paka (Balanoposthitis) -Etiopathogenesis, Clinical features,Diagnosis, Complications and Management.		--	1	--		
	5. Medhra Arbuda (Benign and Malignant tumours of Penis), Peyronie's Disease and Granuloma Inguinale - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	6. Examination of Male External Genitalia		--	--	2		
52.	Mushka Evum Vrishan Vikara (Diseases of Scrotum and Testis)	3	2	0	4	June	Dr.Shweta

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