

Jagdamba Education Society's
Matoshri Asrabai Darade Ayurved College
A/p Babhulgaon Tal-Yeola Dist-Nashik
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ATP REGISTER

DEPARTMENT OF SHALYATANTRA
PAPER I

N O.	TOPIC NAME	DUR ATIO N	READER/LECT URER's NAME
1	Defination of shalya, shalya tantra and its important: historical background and progress made	1 hrs.	Dr. Kiran Sadgir
2	Description of yantra shastra anushastra : definition , number number , types , uses, dosha, guna , karma relevant modern instruments.	3 hr.	Dr. Kiran Sadgir
3	Nirjantukikarana/sterilization: Methods, types and its role in surgical practice.	2 hr.	Dr. Manoj Sonaje
4	. Sangyaharana– Anaesthesia - Definition, Types, anaesthetic agents, indications, management	3 hr.	Dr. Kiran Sadgir
5	Trividha Karma – Poorva Karma, Pradhana Karma and Paschat Karma.	2hrs.	Dr. Manoj Sonaje
6	. Ashtavidha Shastra Karma - Operative procedures	2 hrs.	Dr. Kiran Sadgir
7	Yogya Vidhi - Experimental Surgery.	1 hrs.	Dr. Manoj Sonaje
8	Marma – Nirukti, types, description and importance.	2 hrs.	Dr. Kiran Sadgir
9	Kshara and Kshara Karma – Nirukti, Pradhanyata, Guna, Dosha, Karma, Prakara, Nirmana Vidhi, Yogya, Ayogya, Vidhi and Upadrava Chikitsa. Knowledge of Kshara Varti, Taila and Pichu.	3 hrs.	Dr. Kiran Sadgir
10	. Kshara Sutra – Preparation, indications, contraindications and method of application ,complications and their management.	1 hrs.	Dr. Kiran Sadgir
11	. Agnikarma - Mahatva, Upakrama, Vyadhis, Vidhi, Akrti bheda, Yogya, Ayogya and Upadrava Chikitsa. contraindications, procedures,	2 hr.	Dr. Kiran Sadgir
13	Bandha Vidhi – Prayojana, Dravya, Yogya, Ayogya, Prakara, Abandya and Upadrava. Pichu, Plota, Kavalika, Vikeshika	4 hr	Dr Kiran Sadgir

14	Sandhana Karma - Karna, Nasa, Oshtha Sandhana Vidhi. Principles and procedures of reconstructive and cosmetic surgery.	3hr	Dr Manoj Sonaje
15	. Pranasta Shalya and Nirharana Upayas	3hr	Dr Kiran Sadgir
16	Introduction to physiology of fluids and electrolytes Dehydration and over hydration, Specific electrolyte losses and symptomatology and management of Acidosis, Alkalosis and Acid balance. Electrolyte changes in specific diseases like pyloric stenosis, intestinal obstruction and anuria. Various replacement fluids in surgery, mode of administration and complications. Nutrition – pre-operative, post-operative and intravenous alimentation.	4hr	Dr Kiran Sadgir
17	Rakata Mahatwa, Raktasrava- Prakara and laksahana. Raktastambhana - Haemostasis.	3hr	Dr Kiran Sadgir
18	Blood Transfusion –Blood groups, components, compatibility, indications, contraindications and complications with management.	1hr	Dr Kiran Sadgir
19	Knowledge about Vranitagara and Rakshakarma.	1hr	Dr Manoj Sonaje
20	Knowledge of antibiotics, analgesics, anti-inflammatory and emergency drugs in surgical practice.	4hr	Dr Kiran Sadgir
21	Knowledge of diagnostic techniques – X-ray, Imaging techniques, Ultra Sonography, CAT Scan, MRI, Biopsy/ cytological study.	3hr	Dr Kiran Sadgir
22	Knowledge of Shat Kriya Kala in surgical practice.	1hr	Dr Kiran Sadgir
23	Nirukti, Nidana, Samprapti,Prakara, Lakshana, Sadhya-asadhyata, Upadrava and Chikitsa of the following disorders. Vranashotha - Inflammation Vidhradi – Abscess Pidika – Boils d. Nadi Vrana - Sinus Dagdha Vrana - Burns and scalds Marmagata - Shock Kotha – Gangrene Granthi- Cyst. Arbuda – Tumour.	33 hr	Dr Kiran Sadgir

	<p>j. Vrana – Nirukti and Prakara . Nija Vrana – Nidana, Samprapthi, Vrana Vasthu, Prakara, Lakshana, Vrana Pariksha – Sthan, Akrti, Srava, Gandha, Vedana. Vrana Avastha- Dustavrana, Shuddha Vrana, Ruhyamana Vrana, Samyak Roodha Vrana, Vyadhi Janya Vrana, Vrana Sadhya-asadhyatha and Vrana Upadrava. b. Vrana Chikitsa – Pathya-apathya and Shashti Upakramas. c. Ulcer types and their management d. Wound healing stages and management. e. Agantuja Vrana i) Sadhyo vrana - Traumatic wounds – Nidana, Prakara,Lakshana, Upadrava and Chikitsa ii) Management of bites and strings</p>		
24	<p>Twak Vikara Nidina, Samprapti, Lakshana and Chikitsa of Pramehapidaka- Diabetic carbuncle, Chippa -Paronychia, Kadara – Corn, Vrana Granthi – Keloid .</p>	4hr	Dr Kiran Sadgir
25	<p>. Manya Vikara Nidina, Samprapti, Gandamala, Lakshana Apachi and Chikitsa of Galaganda Goitre, –Lymphadenitis, Pashanagardhabha – Parotitis</p>	8hr	Dr Manoj Sonaje
26	<p>. Sira Vikara - Venous disorders – Superficial and Deep venous and their thrombosis, haemangioma, varicose veins, Venous Ulcers management.</p>	6hr	Dr Kiran Sadgir
27	<p>. Dhamani Vikara - Arterial disorders – Nidina, Samprapti, Lakshana and Chikitsa of Aneurysm, Burger’s disease, Raynaud’s disease</p>	6hr	Dr Manoj Sonaje
28	<p>Snayu Vikara - Diseases of tendons and ligaments – Tendinitis, tenosynovitis, ganglion and their management.</p>	3hr	Dr Kiran Sadgir
29	<p>.Principles of Amputation</p>	1hr	Dr Manoj Sonaje
30	<p>.Surgical practice in AIDS - HIV and hepatitis patients.</p>	2hr	Dr Kiran Sadgir

PAPER II

NO.	TOPIC NAME	DUR ATIO N	READER/LECTU RER's NEME
1	. Asthi Bhagna - Fracture: Prakara including pathological fracture, Samanya Lakshana, Upadrava and Chikitsa. Description of fracture of following bones with clinical features, diagnosis, complications and management – scapula, clavicle, humerus, radius, ulna, carpals, metacarpals, phalanges, femur, patella, tibia, fibula, tarsals, metatarsals, vertebrae, ribs, mandible, pelvis and skull bones.	8 hrs.	Dr. Manoj Sonaje
2	. Sandimoksha - Dislocation: Prakara, Samanyalakshana, Upadrava and Chikitsa. Dislocation of following joints with clinical features, diagnosis, complications and management of shoulder, elbow, wrist, hip, knee, ankle, mandible, vertebrae and Phalanges.	4hr	Dr Manoj Sonaje
3	Diseases of bone Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of - Congenital anomalies Osteomyelitis, cysts, tumours and tuberculosis.	2hr	Dr Manoj Sonaje
4	Cranio-cerebral injuries – mechanism, pathology, investigations, complications and management. Cerebral concussion, contusion and laceration. Acute extradural haematoma, Acute intracerebral and chronic subdural haematoma	2hr	Dr Manoj Sonaje
5	Brain tumors and their management.	2hr	Dr Kiran Sadgir
6	. Diseases of breast – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of - Sthan Vidradhi- Breast Abscess, Sthan Arbuda-Breast tumors and their management.	2hr	Dr Manoj Sonaje
7	. Diseases of chest – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of - Pleural abscess, pleural effusion, tumors, pleurisy and their management	3hr	Dr Manoj Sonaje
8	. Diseases of esophagus – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of - Congenital Anomalies, Oesophagitis, ulcer, varices, tumors and their management	4hr	Dr Kiran Sadgir
9	Gulma Roga – Nidana, Prakara, Lakshana, Upadrava and Chikitsa.	1hr	Dr Kiran Sadgir
10	. Diseases of stomach Clinical and duodenum Diagnosis, – Aetiopathogenesis, Complications and classification, Features, management of - Congenital pyloric stenosis, peptic ulcer, tumors and their management.	6hr	Dr Kiran Sadgir
11	Diseases of small intestine Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management	4hr	Dr Kiran Sadgir

	perforation of - and Mickel's Diverticulitis, management. Tuberculosis, obstruction		
12	Diseases of large intestine Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of – Tuberculosis, obstruction, perforation, tumor, appendicitis, crohn's disease, ulcerative colitis and their management.	5hr	Dr Kiran Sadgir
13	. Udara rogas – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of - Jalodara -Ascitis, Chidrodara – Perforation and Peritonitis, and their management	5hrs	Dr Manoj Sonaje
14	. Diseases of rectum and anal canal – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of - Badhagudodara – Obstruction Congentitaldisorders, Arshas -Haemorrhoids, Rectal polyp, Parikartika - Fissure in ano, Bhagandara – Fistula-in ano, Guda Vidradi - Anorectal abscess, Gudabhramsa - Rectal prolapse, Sanniruddaguda - Anal stricture, Incontinance. Gudarbuda - tumor and their management	10hr	Dr Kiran Sadgir
15	Abdominal Injuries and management	2hrs	Dr Kiran Sadgir
16	.Diseases of liver –Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Abscess, cysts, tumors, obstructive jaundice and Yakritdalyodar – Hepatomegaly	5hrs	Dr. Manoj Sonaje
17	Diseases of gall bladder – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Cholecystitis, cholelithiasis, tumors	4hrs	Dr Kiran Sadgir
18	.Diseases of pancreas – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Pancreatitis, pseudo pancreatic cyst, tumors	4hrs	Dr Kiran Sadgir
19	.Diseases of Spleen – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Pleehodara – Splenomegaly, splenic rupture	3hrs	Dr. Manoj Sonaje
20	.Diseases of Kidney - Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Congenital anomalies, polycystic kidney, perinephric abscess, tumor, renal calculus, renal injury	2hrs	Dr Kiran Sadgir
21	.Diseases of Ureter –Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Calculus, obstruction	2hrs	Dr Kiran Sadgir
22	Diseases of Urinary bladder – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Congenital anomalies, Ashmari -Vesicle calculus, Cystitis,tumor and Injury	5hrs	Dr. Manoj Sonaje
23	Mutragata & Mutrakrichra- Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management. Retention of urine	3hrs	Dr Kiran Sadgir
24	Diseases Features, of Prostate - Aetiopathogenesis, classification, of Clinical Diagnosis, Complications and management Prostatitis, Prostatic abscess, Benign prostatic	4hrs	Dr. Manoj Sonaje

	hypertrophy, carcinoma of prostate.		
25	.Diseases Features, of Urethra – Aetiopathogenesis, and classification, of Clinical Diagnosis, Complications management Urethritis, Stricture and rupture.	3hrs	Dr Kiran Sadgir
26	Diseases of Penis – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Niruddhaprakasha - Phimosis, Parivartika Paraphimosis, Avapatika - Prepuceal ulcer, Arbuda-tumor, Lingarsha -Venereal warts.	4hrs	Dr Kiran Sadgir
27	Diseases of Scrotum and Testis – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Mutravridhhi - Hydrocele, Vrushana shotha epididimo-orchits, Vrushana granthi- epididimal cyst, Scrotal filaria, Shukrashmari - Seminalcalculi, torsion of testis, ectopic testis, undescended testis and tumors	5hrs	Dr Kiran Sadgir
28	.Vridhhi Roga – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management.	2hrs	Dr Kiran Sadgir
29	.AntraVridhhi – Aetiopathogenesis, classification, Clinical Features, Diagnosis, Complications and management of Hernia - Inguinal, femoral, epigastric, umbilical, incisional and rare forms of Hernias.	4hrs	Dr Kiran Sadgir