

Anand Charitable Trust's
Anand Ayurved College
Phulewadi Road, Vaijapur.
Department of Shalya Tantra

Advanced Teaching Program (ATP)
Course Distribution (w.e.f. 19th September 2022)
Academic Year 2022-23

FIRST TERM (Paper-1)

BATCH: IVth B.A.M.S.

Paper-I : 100 Marks

SN	Topic Name	No of Lectures Required	Faculty Name
1	Introduction to Shalya Tantra : Historical background and progress made.	2	Dr. Kanawade
2	Definition of Shalya, Shalya Tantra and its importance.	2	Dr. Kanawade
3	Description of Yantra, Shastra ,Anushastra : Definition, number, types, uses,Dosha,Guna,Karma. Relevant modern instruments.	6	Dr. Kanawade
4	Nirjantukarna / Sterilization: Methods, types and its role in surgical practice.	2	Dr. Jagtap
5	Sangyahan / Anaesthesia: Definition and Types. a) Local anaesthesia – Drugs, Techniques, Indications, Contraindications, Complications and their Management b) Regional and General anaesthesia – Drugs, Techniques, Indication, Contraindications, Complication and their management.	4	Dr. Jagtap
6	Trividha Karma – Purva Karma, Pradhana Karma and Paschat Karma	2	Dr. Jagtap
7	Ashtavidha Shastra Karma – Surgical Procedures.	3	Dr. Kanawade
8	Yogya – Experimental Surgery.	2	Dr. Kanawade
9	Marma : Nirukti,types, description and importance.	4	Dr. Jagtap
10	Nirukti, Nidana, Samprapti, Prakara, Lakshana, Sadhya asadhyata, Upadrava and Chikitsa of the following disorders. a) Vranashotha – Inflammation b) Vidhradi – Abscess c) Pidika d) Nadi Vrana – Sinus / Fistulae e) Vrana Granthi – Keloid / Hypertrophic Scar f) Marmagata – Shock g) Kotha – Gangrene and Principles of Amputation h) Granthi – Cyst i) Arbuda – Tumour	8	Dr. Jagtap

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SECOND TERM (Paper-1)

SN	Topic Name	No of Lectures Required	FacultyName
1	Vrana – Nirukti and Prakara a) Nija Vrana – Nidana, Samprapti, Vrana Vasthu, Prakara, lakshana, Vrana Pariksha – Sthana, Vrana akruti, Srava, Gandha, Vbedana. Vrana Avastha Dustavrana, Shuddha Vrana, Vrana Sadhya – asadhyatha and Vrana Upadrava. b) Vrana Chikitsa :- Pathya-apathya and Shashti Upakarma, Vranitagara and Rakshakarma. c) Agantuja Vrana – 1) Sadya Vrana – Traumatic wounds – Nidana. Prakara, Lakshana, Upadrava and Chikitsa. 2) Management of bites and stings d) Dagdha Varna – Burns and scalds. e) Ulcer – Types and their management. f) Wound healing stages and their management. g) Pramehapidaka – Diabetic carbuncle and wounds.	8	Dr. Kanawade
2	Kshara and kshara Karma: a) Nirukti, Pradhanyata, Guna , Dosha, karma, Prakara, Yogya, Ayogya, Procedure, Upadrava and Chikitsa. b) Kshara Sutra- Preparation, Indications, Contraindications and Method of application, Complications and their Management.	4	Dr. Kanawade
3	Kshar sutra- Preperation, Indication, Contraindication, and method of application, complication and their management	2	Dr. Kanawade
4	Agnikarma: Mahatva, Upakarana, Vidhi, Akruti bheda, Yogya, Ayogya and Upadrava Chikitsa.	2	Dr. Kanawade
5	Raktamokshana: Mahatva, Prakara- Siravyadha, Pracchanna, Shringa, Alabu. Jaloukavacharana : Yogya, Ayogya, Procedure , Upadrava and Chikitsa.	4	Dr. Kanawade
6	Bandha Vidhi- Prayojana, Dravya, Indications, Contraindication, Prakara, Upadrava, Pinchu, Plota, Kavalika and Vikeshika.	2	Dr. Kanawade
7	Pranasta Shalya and Nirharana Upaya.	2	Dr. Jagtap
8	Fluid, Electrolyte, Acid Base Balance and Nutrition: a) Introduction of physiology of fluids and electrolytes. b) Dehydration and over hydration. c) Specific electrolyte loss, Acidosis, Alkalosis, Symptomatology and Management.	8	Dr. Jagtap

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	d) Electrolyte Changes in specific diseases like pyloric stenosis, intestinal obstruction and anuria. e) Various replacement fluids in surgery, mode of administration and complications. f) Vi. Nutrition.		
9	Rakta Mahatwa, Raktasrava / Haemorrhage : Prakara and Lakshana. Raktastambhana- Haemostasis.	2	Dr. Jagtap
10	Blood Transfusion – Blood groups, Compatibility, Indications, Contraindications and Complication with Management. Comoponent therapy.	2	Dr. Jagtap

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THIRD TERM (Paper-1)

SN	Topic Name	No of Lectures Required	FacultyName
1	Antibiotics, analgesics, anti- inflammatory and emergency drugs in surgical practice.	4	Dr. Kanawade
2	Diagnostic techniques – X-ray, Imaging techniques, Ultrasonography, CAT, Scan, MRI, Biopsy / Cytological study.	2	Dr. Kanawade
3	Shat Kriya Kala in Surgical practice.	2	Dr. Kanawade
4	Twacha Vikara- Nidana, Samprapti, Lakshana and Chikitsa of: Chippa- Paronychia, Kadara- corn and Kshudra rogas.	4	Dr. Jagtap
5.	Manya Vikara- Nidana, Samprapti, Lakshana and Chikitsa of: a) Galaganda- Goiter b) Gandamala, Apachi- Lymphadenitis Pashanagardhabha- Disease of parotid gland.	4	Dr. Jagtap
6.	Sira Vikara- Venous disorders- Diagnosis and their management a) Superficial and Deep vein thrombosis b) Haemangioma Vericose veins	4	Dr. Kanawade
7	Dhamani vikara- Arterial disorders- Nidana, Smprapti, Lakshana and chikitsa of a) Aneurysm b) Buerger's disease c) Atherosclerosis Raynauld's disease	4	Dr. Jagtap
8	Snayu Vikara- Disease Of tendons and ligaments- their Management Tennis elbow and ganglion	4	Dr. Jagtap
9	Surgical Practice in AIDS - HIV and Hepatitis Patients Care of AIDS – HIV and Hepatitis Patients	2	Dr. Jagtap

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FIRST TERM (Paper-2)

BATCH: IVth B.A.M.S.

Paper-II : 100 Marks

SN	Topic Name	No of Lectures Required	FacultyName
1	Bhagna – Skeletal injuries – Prakara including pathological fracture, Samanya Lakshana, Updrava and Chikitsa. Description of Fracture of following bones with Clinical features Diagnosis, Complications and Management- a) Scapula b) clavicle c) humerus d) radius e) ulna f) femur g) Patella h) tibia i) pelvis bones	10	Dr.Jagtap
2	Principle of Amputation Sandimoksha – Dislocation : Dislocation of followings joints with Clinical features. a) Diagnosis, Complication and management of shoulder b) elbow c) hip	6	Dr.Jagtap
3	Diseases of bone : Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Managements of Congenital anomalies, Osteomyelitis, Cysts, Tumours and Tuberculosis	4	Dr.Jagtap
4	Cranio – cerebral Injuries : Mechanism , Pathology, Classification, Investigations, Complications and primary managements	2	Dr.Jagtap
5	Brain Tumour & their management Diseases of Spine : Mechanism, Pathology, Classification. Investigations, Complications and primary management of a) Tuberculosis b) Ankylosing Spondylitis c) Disc Prolapse	4	Dr.Jagtap
6	Diseases of breast: Aetiopathogenesis , Classification, Clinical features, Diagnosis, Complication and Management of a) Sthana Vidradhi – Breast abscess b) Sthana Arbuda – Brest tumours	4	Dr. Kanawade
7	Diseases of chest : Aetiopathogenesis , Classification, Clinical features, Diagnosis, Complication and Management of a) Chest injury b) Pleural effusion c) Pleurisy d) Tumours	4	Dr. Kanawade

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8	Diseases of esophagus : Aetiopathogenesis , Classification, Clinical features, Diagnosis, Complication and Management of a) Congenital anomalies b) Oesophagitis c) Varices and ulcer d) Tumours	4	Dr.Jagtap
9	Gulma Roga – Nidana, Prakara, Lakshana, Updrava and Chikitsa Shoola vyadhi – Nidana, Prakara, Lakshana, Updrava and Chikitsa	2	Dr. Kanawade
10	Diseases of stomach and duodenum : Aetiopathogenesis, Classification, Clinical fetures, Diagnosis, Complications and Managements of a) Pyloric Stenosis b) Peptic Ulcer c) Tumours	4	Dr. Kanawade

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SECOND TERM (Paper-2)

SN	Topic Name	No of Lectures Required	FacultyName
1	Disease Of small intestine: Ateopathogenesis, classification, clinical features, Diagnosis, Complications and management of a) Tuberculosis b) Obstruction c) Perforation	4	Dr.Jagtap
2	Disease Of Large intestine- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Tuberculosis b)Obstruction c) Perforation d) Appendicitis e) Crohn's disease f) Ulcerative colitis g) Tumours	5	Dr.Jagtap
3	Udara roga: Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Jalodara- Ascites b) Cchidrodara- Perforation c) Peritonitis d) Baddhagudodara- Intestinal Obstruction	4	Dr.Jagtap
4	Disease of rectum and anal canal- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Congenital disorder b) Arshas- Haemorrhoids c) Parikartika- fissure-in-ano d) Bhagandara- Fistula-in ano e) Gudavidradhi- Anorectal abcess f) Gudabhramsa-Rectal prolapse g) Sannirudhaguda- Anal stricture h) Incontinance, Rectal Polyp i) Tumours	8	Dr. Kanawade
5	Abdominal injuries and their management	2	Dr.Jagtap
6	Disease of liver- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Yakrit vidradhi-Abcess b) Neoplasia c) Portal hypertension d) Yakritalyodar-Hepatomegaly	4	Dr.Jagtap

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7	Disease Of gallbladder- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Cholecystitis b) Cholelithiasis c) Obstructive jaundice d) Tumours	4	Dr. Kanawade
8	Disease of Pancreas- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Pancreatitis b) Cyst of Pancreas and Tumours	4	Dr.Jagtap
9	Disease Of Spleen- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Pleehodara-Spleenomegaly b) Splenic rupture	2	Dr.Jagtap
10	Diseases Of Kidney and Ureter- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Congenital anamolies and injuries b) Polycystic Kidney c) Perinephric abcess d) Calculus e) Neoplasms	6	Dr. Kanawade

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SN	Topic Name	No of Lectures Required	Faculty Name
1	Diseases Of Urinary Bladder- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Congenital anomalies and injuries b) Ashmari- Vesical calculus c) Cystitis d) Neoplasms	3	Dr. Kanawade
2	Mutraghata and Mutrakriccha- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: Retention of urine.	2	Dr. Kanawade
3	Disease Of Prostate- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Prostatitis b) Prostatic abscess c) Benign enlargement of prostate (BPH) d) Ca Prostate	3	Dr. Kanawade
4	Disease Of Urethra- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Urethritis b) Stricture and Rupture	3	Dr. Kanawade
5	Disease Of Penis- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Congenital anomalies b) Niruddhaprakash- Phimosis c) Parivartika- Paraphimosis d) Avapatika- Prepuceal ulcer e) Arbuda- Tumours f) Lingarsha- Penile warts	4	Dr. Kanawade
6	Disease of Scrotum and Testies- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Epididymo-orchitis, Epididymal cyst b) Scrotal filariasis c) Shukrashmari- Seminal calculus d) Torsion Of testis e) Ectopic testis and Undescended testis f) Tumours	4	Dr. Jagtap
7	Vridhhi Roga- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: Mutravridhhi- Hydrocele	3	Dr. Kanawade
8	Antra vridhhi- Ateopathogenesis, Classification, clinical features, Diagnosis, Complications and Management Of: a) Inguinal	6	Dr. Kanawade

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	b) Femoral c) Epigastric d) Umbelical e) Incisional f) Rare forms of Hernia		
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