SUMANDEEP VIDYAPEETH

(Declared as Deemed to be University under Section 3 of the UGC Act 1956)

Accredited by NAAC with a CGPA of 3.53 out of four-point scale at 'A' Grade

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CURRICULUM

Diploma in **ANESTHESIA TECHNOLOGY**

Attested CTC

5/2/2021

Vice-Chancellor Sumandeep Vidvapeath Sumandeep Vidyapeeth An Institution Deemed to be University Vill. Piparia, Taluka: Waghodia. Dist. Vadodara-391 760. (Gujarat)



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INTRODUCTION

Scope

The quality of paramedical care has improved tremendously in the last few decades due to the advances in technology, thus creating fresh challenges in the field of healthcare. It is now widely recognized that health service delivery is a team effort involving both clinicians and nonclinicians, and is not the sole duty of physicians and nurses. Professionals that can competently handle sophisticated machinery and advanced protocols are now in high demand. In fact, diagnosis is now so dependent on technology, that paramedical and healthcare professionals are vital to successful treatment delivery.

Effective delivery of healthcare services depends largely on the nature of education, training and appropriate orientation towards community health of all categories of health personnel, and their capacity to function as an integrated team, with a range of skills and expertise, play key roles within the National Health Service, working autonomously, in multi-professional teams in various settings. All of them are first-contact practitioners and work across a wide range of locations and sectors within acute, primary and community care.

Learning goals and objectives for paramedical healthcare professionals

The learning goals and objectives of the undergraduate and graduate education program will be based on the performance expectations. They will be articulated as learning goals (why we teach this) and learning objectives (what the students will learn). Using the framework, students will learn to integrate their knowledge, skills and abilities in a hands-on manner in a professional healthcare setting. These learning goals are divided into nine key areas, though the degree of required involvement may differ across various levels of qualification and professional cadres.

Program outcomes

- Provide safe and quality patient care by incorporating technical and critical thinking and clinical reasoning in assisting the anesthesia provider with patients of all types, ages, and physical conditions for a variety of surgical and medical related procedures.
- Display current and emerging standards of care as an anesthesia technologist professional along with devoting themselves to lifelong learning.
- Attend to the various needs of diverse multicultural and complex client populations in the delivery of culturally competent care.
- Positively influence health care policy decisions and participate in activities which enhance anesthesia technologists' role in improved patient care and as an advocate for patients, families, and communities.

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Ethics and accountability

Students will understand core concepts of clinical ethics and law so that they may apply these to their practice as healthcare service providers. Program objectives should enable the students to:

- Describe and apply the basic concepts of clinical ethics to actual cases and situations
- Recognize the need to make health care resources available to patients fairly, equitably and without bias, discrimination or undue influence
- Demonstrate an understanding and application of basic legal concepts to the practice
- Employ professional accountability for the initiation, maintenance and termination of patient-provider relationships
- Demonstrate respect for each patient's individual rights of autonomy, privacy, and confidentiality

Commitment to professional excellence

The student will execute professionalism to reflect in his/her thought and action a range of attributes and characteristics that include technical competence, appearance, image, confidence level, empathy, compassion, understanding, patience, manners, verbal and non-verbal communication, an anti-discriminatory and non-judgmental attitude, and appropriate physical contact to ensure safe, effective and expected delivery of healthcare.

Eligibility for admission

Candidate should have passed 10 + 2 with science(PCB)

Duration of the course

Duration of the course is 2 year and 1 year internship

Medium of instruction: English shall be the medium of instruction for all the subjects of study and for examination of the course.

Attendance

A candidate has to secure minimum 80% attendance in overall with at least-

- 75% attendance in theoretical
- 80% in Skills training (practical) for qualifying to appear for the final examination. No relaxation, whatsoever, will be permissible to this rule under any ground including
- indisposition etc.

Assessment: Assessments should be completed by the academic staff, based on the programme. To achieve this, all assessment forms and feedback should be included and avaluated. Student must attain at least 50% marks in each Theory, Internal assessment and Practical independently / separately for each individual subject.

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COURSE OF INSTRUCTION

| Course Name | Course Code | Theory (In hrs.) | Practical (In hrs.) (Clinical) | Total (in |
|--|----------------|---------------------|-----------------------------------|--------------|
| | | (Class and | . , | Hours) |
| | | lab) | | |
| First Year - Total Hours 500 | | | | |
| Introduction to Anaesthesia | DAA101 | 60 | 40 | 100 |
| Technology | | | | |
| Human Anatomy and | DAA102 | 60 | 40 | 100 |
| Physiology | | | | |
| Biochemistry | DAA103 | 60 | 40 | 100 |
| Pathology | DAA104 | 60 | 40 | 100 |
| Microbiology | DAA105 | 60 | 40 | 100 |
| Total | | 300 | 200 | 500 |
| 2 nd Year – Total Hours 400 | | | | |
| Peri operative Anaesthesia | DAA201 | 40 | 60 | 100 |
| Management | | | | |
| Anaesthesia for surgical | DAA202 | 40 | 60 | 100 |
| subspecialties | | | | |
| Pharmacology | DAA203 | 40 | 60 | 100 |
| Clinical Anaesthesia | DAA204 | 40 | 60 | 100 |
| Total | | 160 | 240 | 400 |
| 3 rd Year- Internship | | Total | hours-2184 | _ |

SCHEME OF EXAMINATION

| First Year | | | | | |
|--|---|----------|----------------|-----------|--|
| SUBJECT CODE | SUBJECTS | EXA P | MINAT ATTER | 'ION N | |
| | | Internal | Final | TOTAL | |
| DAA101 | Introduction to Anaesthesia Technology | 20 | 80 | 100 | |
| DAA102 | Human Anatomy and Physiology | 20 | 80 | 100 | |
| DAA103 | Biochemistry | 20 | 80 | 100 | |
| DAA104 | Pathology | 20 | 80 | 100 | |
| DAA105 | Microbiology 20 80 | | | | |
| Practical- 50, Viva- 40, Journal- 10, Total marks: 100 | | | | | |
| Second Year | | | | | |
| DAA201 | Peri operative Anaesthesia Management | 20 | 80 | 100 | |
| DAA202 | Anaesthesia for surgical subspecialties 20 80 1 | | 100 | | |
| DAA203 | Pharmacology 20 80 100 | | | 100 | |
| DAA204 | Clinical Anaesthesia 20 80 100 | | | | |
| Attested 50, | Viva- 40, Journal- 10 , Total marks: 100 | | | | |

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| 011110 | | 1 st Year | | |
|---------|--|----------------------------------|--|--|
| | Subjects | Content | Topics covered | |
| 1. | Introduction to Anaesthesia Technology | History of Anaesthesia | Prehistoric (Ether)era Inhalational anaesthetic era Regional anaesthetic era Intravenous anaesthetic era Modern anaesthetic era | |
| | | Gas physics | States of matter Temperature conversion Humidity Pressure measurement Gas flows and diffusion Gas laws Miscellaneous concepts such a s density and specific gravity | |
| | | Medical Gas Supply | Compressed gas Cylinders Colour coding Cylinders and Cylinder valves Cylinder storage Diameter index safety system Medical gas pipeline system and station outlets Air compressors Oxygen concentrators Alarms andsafety devices | |
| | | Gas Administration Devices | Simple oxygen administration devices Methods of controlling gas flow Reducing valves Flow meters Regulators Flow restrictors | |
| | | Oxygen Therapy | Definition Causes and responses to hypoxemia Clinical signs of hypoxemia Goals of oxygen therapy | |
| Atteste | ad CTC | Anaesthesia Machine | Hanger and yoke system Cylinder pressure gauge, pin index Pressure regulator Flow meter assembly Vaporizers – Types, hazards, maintenance filling and draining. | |
| // 1 | | Breathing System | General considerations | |

| | | | Inclusion Description of Detractional |
|----------------------|--------------------|---------------|--|
| | | | Jackson Rees system of Bain circuit |
| | | Gas Analysers | Gas analysis |
| | | Pulse | Cas analysis Types and care |
| | | Oximeter CO2 | Transcutaneous oxygen monitors |
| | | Monitor | Pulseoximeters |
| | | | Capnographs |
| | | Artificial | Parts of airway and features |
| | | Airways | Types, sizes and methods of insertion |
| | | | Indications for use |
| | | | Care of long term airways and |
| | | | complications |
| | | | Protocol fortracheostomydecannulation |
| | | | Face masks – Types, sizes and its usage. |
| | | Minimum | Who should give anaesthesia |
| | | Standards for | Ten golden rules of anaesthesia |
| | | anaestnesia | Patient assessment and preparation |
| | | | Checking the drugs and equipment Keeping the airway clear |
| | | | Be ready to control ventilation |
| | | | Monitor pulse and BP |
| | | | |
| | Human | Gastro- | Parts of G IT, Oral cavity (lip, tongue (withhistology), |
| 2. | Anatomy and | intestinal | tonsil, dentition, pharynx, salivary glands, Waldeyer's |
| | Physiology | system | ring) Desophagus stomach small and large |
| | | | intestine, liver, gall bladder, pancreas |
| | | | Radiographs of abdomen |
| | | Circulatory | Heart Structure and working of heart, Determination |
| | | System | of Blood pressure, Cardiac cycle, cardiac output, |
| | | | heart rate Lymphatic system-Composition & |
| | | | Formation, organs involved, functions of lymph |
| | | Defence | First line, second and third line of defence, active |
| | | mechanisms | immunity, passive immunity, Factorsaffecting |
| | | of the body | immunity. |
| | | Respiratory | Basic anatomy of the respiratory system, Process of |
| | <i>Q</i> | System | respiration, Disorders |
| | | Urinary | Structure and functions of organs of urinary system, |
| | | System | Composition of normal and abnormal urine |
| Attest | ed CTC | Endocrine | Definition, Classification, Mechanism of action. |
| //1 | | system | functions and disorders of hormones of pituitary |
| All al | anen . | | gand, thyroid gland, parathyroid gland, adrenal |
| mar | 15/2/20 | | |
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| | | | | gland and pancreas |
|------------|-------------|----------------------------|------------------------------|--|
| | | | Nervous | Structure of Neuron, Transmission of nerve |
| | | | system | impulse |
| | | | | Organs of Central Nervous system & their |
| | | | | functions |
| | | | | Peripheral Nervous system |
| | | | | Autonomous system |
| | | | | Reflex action |
| | | | Haamaalahinama | Practical http://white. Blood.Coll.count.Bod.Blood.Coll.count |
| | | a. | Determination of | Blood Groups |
| | | | Leishman's | |
| | | | staining and | |
| | | | Differential WBC | |
| | | | count | |
| | | | Determination of | f |
| | | | packed cell | |
| | | | Volume | |
| | | | Erythrocyte | |
| | | | | |
| | | | Colculation of | |
| | | | Bloodindices | |
| | | | Determination of | |
| | | | Clotting Time, | |
| | | | Bleeding Time | |
| | | | Blood pressure | |
| | | | Recording | |
| | 2 | Diachamiatry | Introduction to | Direction different turner (Creducted velumetric |
| | ა. | ыоспетніяцу | | Pipelles - different types (Gradualed, Volumetric, |
| | | | apparatus | Rurettes Beakers Petri dishes depression |
| | | | apparates | Plates |
| | | | | Flasks - different types) Volumetric, round bottomed. |
| | | | | Erlenmever conical etc) Funnels – different types |
| | | | | (Conical, Buchner etx.) |
| | | | | Bottles -Reagent bottles -graduated and |
| | | | | common,Washbottles – different type |
| | | | | Specimen bottlesetc. |
| | | 殘 | Measuring | Tubes – Test tubes, centrifuge tubes, test tube |
| | | | Cylinders, Porcelain dich | uranning rack i npod stand, wire gauze, Bunsen |
| | | | | Corvettes significance of corvettes in |
| | | | | colorimeter, cuvettesfor visible and UV range |
| | Attocto | d CTC | | cuvetteholders Racks Bottle, Testtube, Pipette, |
| | MATEARN | | | Desiccators, Stop watch, scissors. Dispensers - |
| 2 | //1 | | | reagent and sample |
| | K. ala | ner | Maintenance of | class and plastic ware inlaboratory |
| Uh, | man | 12/20 | mai glass ware | generation of glass: significance ofboro silicate |
| Vi | ice-Chanc | ellor | S | |
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| | | | and apparatus | glass ; care and cleaning of glass ware, different cleaning solutions of glass care and cleaning of plastic ware, differentcleaning solutions |
|------------|--|---|---|---|
| | | | Instrumentatio n (Theory and demonstration) | Water bath: Use, care andmaintenance Oven &Incubators : Use, care and maintenance. Water Distilationplant and water deionisers. Use, care and maintenance Refrigerators, cold box,deepfreezers– Use, care and maintananceReflux condenser : Use, care and maintenance Centrifuges (Theory and demonstration) Diagrams to |
| | | | | be drawn Definition, Principle, Svedberg unit, centrifugalforce, centrifugal field rpm |
| | | | Atomic structure | Dalton's theory, Properties ofelectrons, protons, neutrons,andnucleus, Rutherford's model of atomic structure, Bohr's model of atomic structure, orbit and orbital, Quantum numbers, Heisenberg's uncertainly principle. Electronic configuration –Aufbauprinciple, Pauli's |
| | | | | Exclusion principle, etc. Valency andbonds- different types of strong and weak bonds in detail with examples. |
| | | | Pract | ical |
| | a | Molecular weigh normality molar eg: 1 M Nacl, 0 Preparation of 0.1 N HCl, 0.1N Percent solutio v/ v w/ v (solids andacids)Conv | nt, equivalent weig ity.Preparation of .15 M NaCL 1M normal solutions. N H2504, 0.66 N H ns. Preparation of s,liquids rersionofapercents | ht of elements and compounds, molar solutions (mole / litre solution) NaOH,0.1MHCI,0.1MH2S04etc. eg., IN Na2CO3, O IN Oxalic acid, H2S04etc., of different solutions – |
| | b | Analysis of No Composition of Urinary screenin metabolism Con Urinary calculus | ormal Urine- furine Procedure ng for inborn errors mmon renal diseas s | e for routine screening s of se |
| | Atteste | | tion fordetection of | of abnormal constituents |
| Vi Suma | c Lara ice-Chanc andeep Vid | Interpretation throughcharts Liver Function t ellor yapeeth | andDiagnosis s- usts Lipid Profile of the second | deep Vigyara |
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| | Renal Function test Cardiac markers | | | | |
| | Blood gas and | Blood gas and Electrolytes | | | |
| | -Estimation of | Bloodsugar Bloo | d Liroa and electrolytes | | |
| | d - Demonstratio | - Demonstration of Strips | | | |
| | - Demonstratio | on of Glucometer | | | |
| 4. | Pathology | Introduction to | Receiving of Specimen in the laboratory | | |
| | | Histopathology | Grossing Techniques | | |
| | | | Mounting Techniques – variousMountains | | |
| | | | Maintenance of records and filing of the slides. | | |
| | | | Use & care of Microscope | | |
| | | | Preparation and Indication | | |
| | | Bio-Medical | Section Cutting | | |
| | | waste | Tissue processing for routine paraffin sections | | |
| | | management | Decalcification of Tissues. | | |
| | | | Staining of tissues - H&EStaining | | |
| | | Introduction to | Collection, Transport, | | |
| | | Clinical | Preservation, and Processing | | |
| | | Pathology | or various clinical specimens | | |
| | | | | | |
| | | | Physical, chemical, Microscopic Examination | | |
| | | | Examination of body fluids. | | |
| | | | Examination of cerebra spinal fluid(CSF) | | |
| | | | Sputum Examination. | | |
| | | | Examination of faeces | | |
| | | Haematology | Normal constituents of Blood, their structure and | | |
| | | | Collection of Blood samples | | |
| | | | Various Anticoagulants used in Haematology. | | |
| | | | Various instruments and glassware used in | | |
| | | | Haematology, Preparation and use of glassware, | | |
| | | | Laboratory safety guidelines | | |
| | | | SI units and conventional units in Hospital | | |
| | | | Laburatory Hb PCV ESR Normal Haemostasis | | |
| | | | Bleeding Time Clotting Time Prothrombin Time | | |
| | | | Activated Partial Thromboplastin Time. | | |
| | Ť | | Introduction | | |
| | | Blood Bank | Blood arouping and | | |
| | | | Rh Types Cross matching | | |
| | | · | Practical | | |
| Urine | Examination | | -Physical | | |
| | | | -Chemical | | |
| <u>//</u> 1 | | / | the product | | |
| Block | Couping Retypin | 521 (S | Hotesmation.PackedCell | | |
| V/V | 15/2/2 | | | | |
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| | | | | Volume[PCV], Erythrocyte |
| | | | | Sedimentation rate[ESR] |
| | | | | Bleeding Time, Clotting Time. |
| | - | Misnehislew | Manahalaan | Histopathology–Section cuttingandH&EStaining |
| | 5. | wicrobiology | worphology | Classification of microorganisms, size, shape and |
| | | | | structure of bacteria. Use of microscope in the study |
| | | | | of Daciena. |
| | | | Growthandnutr | Nutrition growth and multiplications of bacteria |
| | | | ition | use of culture media in diagnostic Bacteriology |
| | | | Sterilisationan | Principles and use of equipment's of sterilization |
| | | | dDisinfection | namely Hot Air oven, Autoclave and serum |
| | | | | Inspissrator. Pasteurization, Anti septic and |
| | | | | disinfectants. Antimicrobial sensitivity test. |
| | | | Immunology | Immunity Vaccines, Types of Vaccine and |
| | | | | immunization schedule Principles and |
| | | | | Interpretation of commonly done serological tests |
| | | | | Ranid tests for HIV and Hbs Ag(Technical details |
| | | | | toavoid) |
| | | | SystematicBac | Morphology, |
| | | | teriology | cultivation, diseases caused, laboratory diagnosis |
| | | | | including specimen collection of the following |
| | | | | bacteria(the classification, antigenic structure and |
| | | | | pathogen cityare not to be taught) Staphyloccci, |
| | | | | Streptococci, Pneumococci, Gonococci, |
| | | | | Menigococci, C diphtheriae, Mycobacteria, |
| | | | | Ciostificia, Dacinus, Snigella, Salmonella, Eschooli Klebsiella, Proteus vibriocholerae |
| | | | | Pseudomonas & Spirochetes |
| | | | Parasitology | Morphology, life cycle, laboratory diagnosis of |
| | | | | following parasites |
| | | | | E. histolytica, Plasmodium, Tape worms, Intestinal |
| | | | | nematodes |
| | | | Mycology | Morphology, diseases caused and lab diagnosis of |
| | | | | rollowing rungi. Candida, Cryptococcus, |
| | | | Virology | Dermatophytes ,opportunistic rungi. |
| | | | virology | diagnosis and prevention of following viruses. Horpos |
| | | | | Hepatitis, HIV, Rabies and Poliomvelitis |
| | | ا | 1 | Practical |
| | | | Demonstration a | and sterilization of equipments- Hot Air oven, |
| | | | Autoclave, Bacte | erial filters. |
| | | | Demonstration of | f commonly used culture media, Nutrient broth, |
| | Altocto | d CTC | Nutrient agar, Blo | ood agar, Chacolate agar, Mac conkey medium, LJ |
| | MILESIC | | media, Robertson | n Cooked meat media, Potassium tellurite media with |
| | //1 | | growth, Mac with | LE & NLF, NA with staph |
| | X. ala | men | Anii biolic susce | and the second |
| (A | mary | (2)2 | | |
| Vi | ce-Chanc | ellor | N I | |
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| | commonserologi ELISA. Grams st Acid Fast staining Stool exam for He Visit to hospital fo Biomedical waste Anaerobic culture | caltests– Widal, VRDL, ain elminthic ova or demonstration of e management. e methods. |
|--|--|---|
| | | 2 nd Year |
| 1 Preoperative Anaesthesia Management | Commonl Echocardi Airway Ma Patient Po Monitored Ambulato Non-opera Anaesthes Epidural & | y used monitoring techniques iography anagement ositioning & potential injuries I Anaesthesia care ry Anaesthesia ating room Anaesthesia sia for older patient & Spinal Anaesthesia |
| 2 Anaesthesia for surgical subspecialties | Periphera Anaesthei Anaesthei Anaesthei Obstetrica Neonatal Paediatric Anaesthei Endocrine Anaesthei Transplan | I nerve blockade sia for neurosurgery sia for thoracic surgery sia for vascular surgery al Anaesthesia Anaesthesia sia & obesity function sia for ophthalmologic surgery t Anaesthesia |
| 3. Pharmacology | Autonomic nerves system. | Anatomy &functional organisation. List of drugs acting an ANS including dose, route of administration, indications, contra indications and adverse effects. |
| | Cardiovascular drugs | Antihypertensive Beta Adrenergic antagonists Alpha Adrenergic antagonists Peripheral Vasodilators Calcium channel blockers Antiarrhythmicdrugs |
| Vice-Chancellor Sumandeep Vidyapeeth I Institution Deemed to be University | 12 I I I I I I I I I I I I I I I I I I I | Cardiac glycosides Sympathetic and no sympathetic inotropicagents. Coronary vasodilators. |
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| | | Lipid lowering &anti atherosclerotic drugs. Drugs used in Haemostasis - anticoagulants Thrombolytic and antithrombolytics. Cardioplegicdrugs - History, Principles and types ofcardioplagia. Primary solutions – History, principles 8 tupos |
|--|--|---|
| | | arypes. Drugs used in the treatment ofshock |
| | Anaesthetic agents | Definition of general and local anaesthetics. Classification of general anaesthetics. Pharmacokinetics and Pharmacodynamics of inhaled anaesthetic agents. Intravenous generalanaestheticagents. Local anaesthetics – classification mechanism of action, duration of action and methods to prolong the duration of action. Preparation, dose and routes of administration. |
| | Analgesics | Definition and classification Routes of administration, dose, frequency of administration, Side effects and management of non opioidand opiodanalgesics |
| | Antihistamines andantiemetics | Classification, Mechanism of action, adverse effects, Preparations, dose and routes andadministration. |
| | CNS stimulants and depressants | Alcohol Sedatives, hypnotics andnarcotics CNSstimulants Neuromuscular blocking agents and musclerelaxants. |
| | Inhalational gase | es and emergency drugs |
| | Pharmacother apy of respiratory disorders | Introduction – Modulators of bronchial smooth muscle tone and pulmonary vascular smooth muscle tone Pharmacotherapy of bronchial asthma Pharmacotherapy ofcough Mucokineticand mucolyticagents Use of bland aerosols in respiratory care. |
| Attested CTC | Corticosteroids - of action, advers Preparation, dos administration | - Classification, mechanism se effects and complications. se and routes of |
| Sharaney 12/20 | Diuretics | eep Vig Renal physiology |
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| | | | Adverse effects |
|-----------------|-------------------------|-------------------------------|---|
| | | | Preparations, dose and |
| | | | routesofadministration. |
| | | | |
| | | Chemotherapy | Definition |
| | | of infections | Classificationandmechanismofactionofanti |
| | | | microbial agents |
| | | | Combination of antimicrobialagents |
| | | | Chemoprophylaxis. |
| | | 1 | Practical |
| | a. | Preparati | on and prescription of drugs of relevance. |
| | | Experime | ental pharmacology directed to show |
| | | the effect | s of commonly used drugs of relevance |
| | | and inter | pretation offewcharts. |
| | 4 Clinical | Pre operative | Pre-Anaesthetic |
| | Anaesthesia | preparation | Assessment |
| | | | History of present assessment Past history with |
| | | | empnasis on previous illness and surgery Personal |
| | | | history – Smoking, alcohol |
| | | | Physical examination– General and systemic |
| | | Pro | Narcotics |
| | | medications | Antihistamines |
| | | mouloulone | Antacids |
| | | Investigations | Biochemistry – Blood, glucose, Urea, Creatinine |
| | | | Haematology – Haemogram. |
| | | | Prothrombin Time, Patrial |
| | | | thromboplastin time, BT, CT |
| | | | Urine - Complete urineanalysis |
| | | | ECG |
| | | | Chest X-ray |
| | | | ABG |
| | | Equipment | Checking the machine, |
| | | | laryngoscopes, tubes, airways |
| | | | etc. suction apparatus, oxygen |
| | | | Cylinder, anaesthetic drugs and emergency drugs. |
| | | Emergency | Atropine |
| | | Diugs | |
| | <i>v</i> | | Enhedrine |
| | | | Aminophylline |
| | | | Hydrocortisone |
| | | | SodaBicarb |
| | | | Dopamine |
| A | ttested CTC | | Nor epinephrine |
| | 10 | | Dobutamine |
| | | | eep Vior |
| 1845 | rasanen 11 | Protection of | The search and the second s |
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| | the Patient | The ears The skin The lips, tongue, teeth Veins,arteries Peripheralnerves |
|--|-------------|---|
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CODE OF PROFESSIONAL CONDUCT

INTRODUCTION

The Code of Professional Conduct is designed and set out as guidance for the clinical practitioner within the relationship that exists with every patient receiving health care.

Essential to that relationship is the patient's trust in the practitioner. This trust hangs upon the patient's assurance of being the practitioner's first concern during their clinical encounter, and upon the patient's confidence that the care received will be competent, whether in diagnosis, therapy or counseling.

STANDARD OF PRACTICE AND CARE

Patients are entitled to the highest standard of practice and care. The essential elements of this are professional competence, good relationships with patients and colleagues and observance of professional ethical obligations.

In providing care you must therefore:

- Recognize the limits of your professional competence.
- Be willing to consult colleagues
- Keep clear, accurate and contemporaneous patient records which report the relevant findings.
- Keep colleagues informed.
- Pay due regard to the efficacy and the prudent use of resources.
- Be competent, truthful, and accurate, when reporting on investigations.
- Be competent when giving or arranging treatment.

Patient's rights



Sumandeep Vidyapeeth An Institution Deemed to be University VIII. Piperio, Taluta: Waghodia. Dist. Vadodara-391 760. (Gujarat)

- Respect patients' privacy and dignity.
- Give information to patients in a way they can understand.
- Respect the right of patients to be fully involved in decisions about their care.
- Respect the right of patients to refuse treatment or to take part in teaching or research, reporting the refusal to the person requesting the procedure.
- Respond to complaints promptly and constructively.
- Ensure that your views about a patient's life style, culture, beliefs, race, colour, sex, sexuality, age, social status, or perceived economic worth, do not prejudice the service you give.

CONFIDENTIALITY

Patients have a right to expect that you will not pass on any personal information which you learn in the course of your professional duties, unless they agree

Attested CTC

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Vice-Chancellor Sumandeep Vidyapeeth An Institution Deemed to be University Vill. Piparia, Taluka: Waghodia. Dist. Vadodara-391 760. (Gujarat)

