

Krishna Vishwa Vidyapeeth

(Deemed to be University), Karad

Curriculum for

Comprehensive Multidisciplinary Clinical Training Program

Duration 1 year

OBJECTIVES

Educate and train in the following capabilities and competencies

1. Multiskilled specialist capable of providing a compressive range of services
2. Generalist clinician capable of providing competent care for common health problems prevalent in the general population in a wide range of settings, ranging from primary to secondary care; and integrates preventive, promotive, and curative care in rural and urban areas
3. Need to demonstrate communication & consultation skills and familiarity with well-recognized consultation techniques.
4. Able to collaborate effectively with patients & a multidisciplinary team of expert health professionals for the provision of optimal patient care, education.
5. Committed to the highest standards of excellence in clinical care and ethical conduct.

ELIGIBILITY:

MBBS recognised by NMC or equivalent degree

CLINICAL EXPERIENCE AND TEACHING ACTIVITIES:

Teaching of core curriculum is emphasized on acquisition of subject specific knowledge, clinical skill, procedural skill, communication skill and medical professionalism & Ethics.

METHODS OF TRAINING:

- Self-directive learning (SDL), Problem based learning, Bedside clinic, integrated teaching (Surgery, Cardiology, Ophthalmology, Neurology, Nephrology, OB & Gyn, Biochemistry, Pathology etc, Skill and Simulation Lab training.
- Workshop, Symposium, seminar, CME, Journal club etc.

SYLLABUS:

Rotational posting:

The prescribed rotational posting shall be aimed to provide generalist physician or multidisciplinary expert experience to the trainee.

Department/Area of Rotation	Duration
General medicine	2 months

Surgery	2 months
Obstetrics and gynaecology	2 months
Paediatrics including neonatology	2 months
Orthopaedics	1 month
Emergency medicine	15 days
Radiology	15 days
Anaesthesia	15 days
Palliative Care	15 days
Community Medicine	1 week
Pathology & Microbiology	1 week
Biochemistry & Genetics lab	1 week

Subject wise modules :

GENERAL MEDICINE

- Initial management of all symptoms/health problems
- Undifferentiated presentations,
- Recognition, assessment, management, follow-up of common medical conditions in an adult man/woman in the community,
- Prevention and health promotion, knowledge of Diagnostic methods, interpretation of results and Referral criteria.

SURGERY

- Diagnosis and initial management of Common Surgical problems
- Experience and expertise should be gained in recognizing appropriate evaluation and initial management of the following common conditions.
- Head injury
- Burns and wounds, ulcers, bedsores
- Lumps in neck, breast, groin, abscess and small bumps elsewhere in the body
- Upper GI bleed, rectal bleed, hematemesis and Malena
- Abdominal pain
- Dysphagia, nausea, vomiting
- Peptic ulcer, GOERD, gastritis
- Disorders of gall bladder and pancreas
- Intestinal obstruction, specific and nonspecific infections
- Abdominal mass
- Leg Ulcers, varicose veins

- n. Diabetic foot
- o. In-growing toenails
- p. Perianal problems, pilonidal abscess/sinus, phimosis, paraphimosis
- q. Rectal pain, rectal prolapse
- r. Hernia, inguinoscrotal swellings, hydrocele
- s. Diseases of breast, Breast infections, hematoma, abscess, lumps, mastalgia , and cellulitis
- t. Peripheral vascular disease
- u. Prostate disease, renal and genitor-urinary tract disorders; LUTS, Management of obstructive uropathy

OB-GYNAE

- a. Gain experience in EmOC (Emergency Obstetrical Care)
- b. Provide quality maternal care in the diagnosis and management of Antenatal, Intra-natal & post-natal periods of a healthy pregnancy.
- c. Provide effective & adequate care to the obstetrical and early neonatal emergencies.
- d. Provide counseling & knowledge regarding family planning methods & advice regarding medical termination of pregnancy.
- e. Organize & implement maternal components in the "National Health Programs."
- f. Acquire skills in Management of Normal pregnancy during Antenatal, Intra-natal & Postnatal period. Procure adequate knowledge of Gynecological Endocrinology & Infertility.
- g. Recognize benign & malignant Gynecological disorders and refer appropriately.

PAEDIATRICS

- a. Recognize and treat common pediatric problems
- b. Recognize sick infants and children and stabilize them before referral
- c. Treat common pediatric emergencies.
- d. To achieve basic competency in diagnosis, management, and treatment of health problems encountered from infancy through adolescence through supervised evaluation and management pediatric patients.

ORTHOPEDICS

- a. Diagnose and manage common bone and joint conditions
- b. Provide continuity of care and follow-up for patients with chronic joint problems.
- c. Perform common procedures relevant to family practice,
- d. Identify the patients who need a referral to specialist attention and refer appropriately.

EMERGENCY MEDICINE

- a. Demonstrate adequate knowledge in the diagnosis and management of the acutely ill patient
- b. List the instruments, drugs, and facilities needed to set up minimum emergency care services

- c. Identify co-morbid diseases and recognize the increased risk of acute events in patients with chronic diseases.
- d. Recognize the modifying effect of chronic or co-morbid disease and its treatment on the presentation of acute illness.
- e. Demonstrate knowledge about the prevention of emergencies

RADIO-DIAGNOSIS

- a. knowledge and skills that may enable him/her to understand principles of imageology.
- b. recognize risk and complications of radiologic procedures and the need for protective techniques.
- c. be able to counsel and prepare patients for various radiologic procedures.

ANESTHESIA

- a. Provide pre-anesthetic counsel to patients, relatives, and obtain informed consent.
- b. Communicate effectively with patients, especially with frightened and uncooperative adults and children
- c. Describe the preoperative medications in anesthesia
- d. Manage airway
- e. Demonstrate venipuncture techniques and maintain intravenous access.
- f. Describe the use of the equipment needed in anesthesia.
- g. Provide post-anesthesia care.

PALLIATIVE CARE

- a. Principles of Palliative care
- b. Physical care
- c. Essential Palliative care medications & Psychosocial and spiritual care
- d. Terminal illness and end-of-life care
- e. Nursing care communication
- f. Ethical aspects of care
- g. Integrated care and network with other healthcare providers
- h. Teamwork
- i. Selfcare
- j. Recognition, assessment, management, follow-up of common medical conditions in a terminally ill patient.
- k. Home-based care
- l. Stroke rehabilitation
- m. Cardiovascular rehabilitation
- n. Post-trauma rehabilitation
- o. Musculoskeletal diseases
- p. Pain management

COMMUNITY MEDICINE

- a. Must be familiar with all the National health Programmes (eg. RCH, UIP, CDD, ARI, FP, ANC, Tuberculosis, Leprosy and others)

- b. Participate in programmes related to prevention and control of locally prevalent endemic diseases including nutritional disorders.
- c. Understand issues of community health along with exposure to village health centres, ASHA Sub-centres;

Exposure of trainee in following areas:

- a. Clinical Biochemistry
- b. Histopathology and Cytopathology
- c. Hematology and transfusion medicine / Blood bank
- d. Microbiology (including Virology), molecular genetics
- e. Hospital Infection control, Biomedical Waste Management, Central Sterile Supply Units

Assessment:

- Theory examination (100 marks): Two papers of 100 marks each
- Practical Examination (100 marks): Long case structured assessment, Short case structured assessment, OSCE/ OSPE examination,
- Oral structured viva voce examination
- Logbook



Duration of the Program : 1 year

Tuition Fee of the Program : USD 2000

