

# ***THE ROLE OF PARAMEDIC***

- A Paramedic is a highly trained and skilled medical professional who is educated to carry out some of the duties of a Physician.
- A Paramedic is an expert who assists the doctors in focused areas and aids for improved diagnosis and therapy .
- Paramedics are typically utilized as emergency care practitioners on ambulances or on first response emergency vehicles but their scope is rapidly expanding to many other areas.

- The origin of the word paramedic may have come from the military, where highly trained medics parachuted into emergency areas.
- Today the term is used to signify personnel who function as subsidiaries or supplements to Physicians. The prefix para is now taken to mean "closely resembling beside," and medic is taken to mean "the Physician". A Paramedic works beside and/or resembles the Physician.
- Many of the procedures and medications administered by the Paramedic are ordered and supervised by a Physician.
- This may be through direct supervision or remotely using telephone, radio or pre-established written orders.

- The rising demand of trained paramedical professionals has unlocked numerous career opportunities for a lot of aspirants.
- At Well-wishers academy, there are a number of courses in the field of paramedical science, at postgraduate, undergraduate and diploma levels .
- They are certified as assistants ,technicians,technologists,technical officers
- Paramedics receive education in many of the same areas as a Nurse or PA such as medical terminology, anatomy, physiology, pathophysiology, pharmacology and so on
- Paramedics at times will be called upon to fill any role in a crisis.
- In essence a Paramedic is part physician, nurse, social worker, clergy, police officer, firefighter, mediator, counselor and teacher just to name a few.
- The Paramedic receives the authority to practice through a physicians license.
- Each practicing Paramedic has a Physician director who is responsible to direct and review the activities of a Paramedic.
- Paramedics provide out-of-hospital treatment and some diagnostic services, although some may undertake hospital-based roles, such as in the treatment of injuries.

# Registry

- United Kingdom paramedics must be registered with the appropriate body in their country, for example all paramedics in the United Kingdom must be registered with the Health professional council in order to call themselves a paramedic
- United States, a similar system is operated by the National registry for medical technicians although this is only accepted by forty of the fifty states.
- Indian paramedics should be register in state council of paramedics

# Paramedical courses

- Medical lab technologist,
- Audiologist,
- Speech therapist,
- Physiotherapist,
- Respiratory therapist,
- Ophthalmic assistant,
- Optometry technician,
- Audiometric technician
- Hospital food service management technician
- Medical sterilization technician
- Cardiology technician,
- Cath lab technician,
- ECG technician,
- Blood bank technician,
- Radiographer
- Anesthesia technician.
- Dialysis Technician

# Ambulance technician

- As part of their role, they'll administer oxygen and drugs and use high-tech equipment, such as defibrillators, spinal and traction splints, and intravenous drips
- Others will work on their own and use a motorbike, emergency response car or even a bicycle to reach their patients.
- With extra training, paramedics can become members of an air ambulance crew.

# Dental Hygiene & Dental Mechanic

- Being a dental hygienist / dental mechanic involves the great & creative responsibility to design the dental structures, make patients know more about their dental health.
- In general, these professionals work behind the scenes along with the Dentist to give the patients an extra Colgate smile.
- A dental hygienist / dental mechanic works mainly towards diagnosing the dental problems of a patient.
- The basic job revolves around assisting a Dentist in making dental ceramics & also be responsible for establishment of better dental care facilities in a clinic
- . A dental mechanic recommends & designs the dental structures for a patient and is the designer of dental accessories. They also work as assistants to dental surgeons in dental surgeries.

# Health inspector / sanitary inspector

- This profession till date remains one of the most sought by people who wish to make great money & have power in their hands. Though the qualification is not comparable with other high profile courses it gives enough scope to climb the ladder of success in short time.



# Operation theater technology

- The operation theater technicians are professionals who are ever required to have an operation done or perform on a patient.
- The job mainly involves well trained and qualified professionals who will work under immense pressure with the doctors in extreme conditions or in emergencies.
- A well qualified & competent O.T. technician you will be involved in maintaining the OPERATION THEATER.
- When an operation needs to be performed, the O.T. technicians shall work towards setting up the O.T. for the operations. The O.T. technicians need to be highly accurate & make perfect setups for the operation.
- The job carries with it, lots of personal satisfaction . The most challenging paramedical job.

# Medical records technology

- This is one of the latest and currently the most sought paramedical career because of advancement in IT field
- which has led to the computerization of the health sector.
- Today no longer the medical records are maintained in books/registers/records.
- Every record, entry & details of patient's disease, diagnosis & the treatment are computerized.
- This career is now being adopted by people who like working on computers and also have keen interest in the medical field.

# Dialysis technologist

- As Dialysis technicians, they are person who perform a DIALYSIS THERAPY on a patient after it's recommended by the doctor.
- The Dialysis technicians shall work towards setting up the dialysis units
- Dialysis technicians perform dialysis therapies by following perfect protocol steps and take care of patients also
- The job carries with it, lots of personal satisfaction . The most challenging paramedical job.

thank you



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