

Reading Hospital
School of Health
Sciences
Medical Imaging
Program
MI 110

UNIT 2 – HEALTH CARE TEAM
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Health Care Team



We are a **TEAM** working toward a common goal – caring for our **PATIENTS**

- Made up of a wide vary of specialists
- All departments and health care professionals are interrelated and most directly depend on each other

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Health Care Team Cont.

Technician – Individual who performs procedures that require attention to technical detail

- Works under the direction of another provider

Technologist – Individual skilled in a particular art

- Applying knowledge to and theory to problems

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**ITS A BEAUTIFUL
DAY TO
SAVE LIVES**

Physicians

Primary care providers who promote the optimal health of patients and who provide for care during an illness by ordering tests and medicines

- Education
 - Completion of a Baccalaureate degree program
 - Completion of 4 years of Medical School
 - Residency
 - Fellowship
- Medical Doctor (MD)
- Doctor of Osteopathy (DO)

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Physician Assistant (PA-C)

- A mid level medical professional who works as part of a team with a doctor
- A PA is a graduate of an accredited PA educational program who is nationally certified and state-licensed to practice medicine in collaboration with a doctor
- Performs tasks usually conducted by the physician but that do not require such a level of expertise
 - Physical examinations, diagnose and treat illnesses, order and interpret lab tests, perform procedures, assist in surgery, provide patient education and counseling and make rounds in hospitals and nursing homes



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Physician Assistant (PA - C) - Education

- Prerequisites
 - 2 years of college courses in basic and behavioral sciences. (most individuals have a BS and 3 years health care experience before entering PA program)
- PA accredited program usually 27 months
 - Classroom/clinical rotations
- Graduates of accredited program may take national exam
 - Physician Assistant National Certifying Exam
- Maintaining certification
 - Complete 100 hours of continuing medical education every 2 years
 - Pass a recertification exam every 10 years

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Nursing is...

The protection, promotion, and optimization of health and abilities, prevention of illness and injury, alleviation of suffering through the diagnosis and treatment of human response, and advocacy in the care of individuals, families, communities, and populations.

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Nursing Responsibilities



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Nursing Work Settings

Hospitals, nursing homes, medical offices, ambulatory care centers, community health centers, schools, clinics

Other surprising locations: Camps, homeless shelters, prisons, sporting events, tourist destinations

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Opportunities in Nursing

Nursing Assistants – Limited training, usually on the job

Licensed Practical Nurse (LPN) – One year program and can legally administer drugs except by IV route

Registered Nurse (RN) – Completion of 2–4-year program of study followed by successful completion of a national licensing examination

Nurse Midwife – Provides perinatal care and can deliver infants under supervision of an Obstetrician

Nurse Anesthetist – Provides anesthesia under the supervision of an Anesthesiologist

Nurse Practitioner – Assess, diagnose and treat patients without the direct supervision of a physician

- Focused on natural, behavioral, humanistic sciences
- Nursing background

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Diagnostic Services

Perform tests and evaluations that aid the physician in determining the presence or absence of a disease or condition

- **Cardiovascular Technologist & Electroneurodiagnostic Technologist** – Record electrical impulses of the heart and brain
- **Medical Technologists** - Performs tests and analyzes lab results within a laboratory setting
- **Radiologic Technologist**- Previously outlined tasks/education



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Therapeutic Services

Provide services designed to help patients in recovery process to overcome some form of physical or psychological disability.

- **Respiratory Therapists** – Treat patients with breathing difficulties
 - Perform aerosol therapy, airway management, pulmonary function testing
- **Physical Therapists** – Restore muscle strength and coordination
 - Maintain and restore maximum movement and functional ability
- **Occupational Therapists** - Assist people who have difficulty in achieving occupationally balanced lives
- **Speech-language Pathologists** - Treat many types of communication and swallowing problems



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EMT/ Paramedic

- Care for the sick or injured in emergency medical settings
- Respond to emergency calls, performing medical services and transporting patients to medical facilities.
- Under direct supervision of physician (usually through radio)



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Pharmacy

Pharmacology – Science that deals with the origin, nature, effects, and uses of drugs

Pharmacologist - Investigate how potential medicines interact with biological systems

Pharmacist - Dispenses drugs as ordered by a patient's physician

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Nutrition

Nutritionists and Dietitians

- Experts in food and nutrition
- They advise people on what to eat in order to lead a healthy lifestyle or achieve a specific health-related goal
- Hospital operating food service, planning modified menus and therapeutic diets, and counseling patients



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Health Information Systems



Responsible for the management of health records

- HIPAA: Health Insurance Portability and Accountability Act of 1996 (HIPAA)
- Educational Requirements vary but may include 2-4 years of education beyond high school
- Does not require direct patient care but are essential to the efficient operation of any health care facility

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Other Team Members

A vast number of other careers exist within the healthcare environment; each of equal importance to the smooth operation of an institution and each play important roles within the health care team. Such other careers are :

- Social Services
- Patient Advocates
- Central Transportation
- Admissions and Registrations
- Security
- Housekeeping
- Laundry
- Billing and Fiscal (purchasing)
- IMS
- Public Relations
- Human Resources
- Pastoral Care
- Engineering
- Risk Management
- Preventative care
- Procurement