UNIT-I

HOSPITAL PHARMACY AND ITS ORGANIZATION

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Definition

Hospital pharmacy is the department, service or a domain in the hospital organization managed under the direction of a professionally competent, legally qualified pharmacist.
Hospital pharmacy deals with:

- Supply of drug
- Filling of special prescriptions
- Manufacturing of the drugs
- Storage and dispensing of narcotic and biological products
- Supply and storage of ancillary products
Pharmaceutical services in a hospital comprises of the services rendered to the patient through a number of activities like:

• Dispensing of drug
• Management of the stores which include:
  a) Purchase of drugs as per the recommendation of Pharmacy and Therapy Committee
  b) Providing instructions for proper storage of such drugs
  c) Maintenance of proper records of the drugs purchased and their distribution
• Manufacture and distribution of medicaments and products
• Providing the therapeutic drug monitoring services
• Establishment and maintenance of Drug Information Centre
• Patient counseling service
• Maintaining liaison with medical staff, nursing staff and the patients themselves
• To maintain the nursing department and the central sterile supply unit in the hospital
• Participate in teaching programme of nursing and pharmacy students
FUNCTIONS OF A HOSPITAL PHARMACIST

• To provide and evaluate pharmaceutical services
• To draw a plan for hospital pharmacy administration
• To establish liaison between administrative authorities and medical Doctors.
• To estimate the requirements for the department and enforce the policies and procedures for the recruitment of adequate and competent staff
• To develop and maintain an effective system of clinical and administrative records and reports
• To participate in and adhere to the financial plan of the operation for the hospital
Boundaries and interactions of Hospital Pharmacy Department
Suggested pattern of a set up of Hospital Pharmacy

The Director or Dean or Medical Superintendent

Director of Pharmaceutical Services

Pharmacy in charge

Dispensing and distribution of drugs

Manufacturing

Quality control

Drug monitoring Services and drug information services

Medical records and miscellaneous duties

Dispensing and distribution of drugs

indoor

outdoor
FUNCTIONS OF HEAD OF THE DEPARTMENT

I. INPATIENT OR INDOOR PHARMACIST RESPONSIBILITIES:

A. CENTRAL DISPENSING AREA

* to ensure that all drugs are stored, dispensed correctly
* to check the accuracy of the dose prepared
* to keep proper records and preparation of bills
* to coordinate the overall pharmaceutical needs of the “patient care”
* to ensure that the established policies and procedures laid down are followed.
* to maintain professional competence
* to communicate with all pharmacy staff regarding new developments
* to coordinate the activities of the area
B. **Patient care areas**

- To maintain liaison between nurses
- Reviewing of drug administration in each patient
- To provide instruction and assistance to junior Pharmacist
- To co-ordinate over all pharmaceutical services on the running unit level

C. **Direct patient care areas**

- Identification of drugs bought into hospital by the patient
- Obtaining all medication history and communicating all information to the attending Physician
- To assist in the selection of drug products and their identities
- To monitor patient’s total drug therapy for:
  1) effectiveness
  2) side effects
  3) toxicity
  4) allergic reactions
  5) drug interaction
- Patient counseling
- Participating in cardio-pulmonary emergencies
D. GENERAL RESPONSIBILITIES

• To provide in service training and information for:
  * the Pharmacists
  * the pharmacy students
  * nurses and nursing students
  * Physicians and medical students

II. Outdoor pharmacist responsibilities

A. CENTRAL DISPENSING AREA

the pharmacist ensures that:

• Proper techniques are used in extemporaneous compounding
• Provides for adequate record keeping and billing
• Correctly maintaining prescription files
• Keep the outdoor pharmacy in a neat and tidy manner
B. PATIENT CARE AREA

- To periodically inspect the medical areas
- To identify drugs bought by patient to clinic and record the patient’s medication history
- Monitoring of drugs
- To council the patient on the proper use of their medication

C. GENERAL RESPONSIBILITIES

- to coordinate overall needs of the outdoor service area and exercise control over such drugs
- To ensure that all drugs are handled properly such as storage of investigational drugs
- To participate in cardio pulmonary emergency
- To provide for in services education and training for pharmacists, pharmacy items.
• Thank You