

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

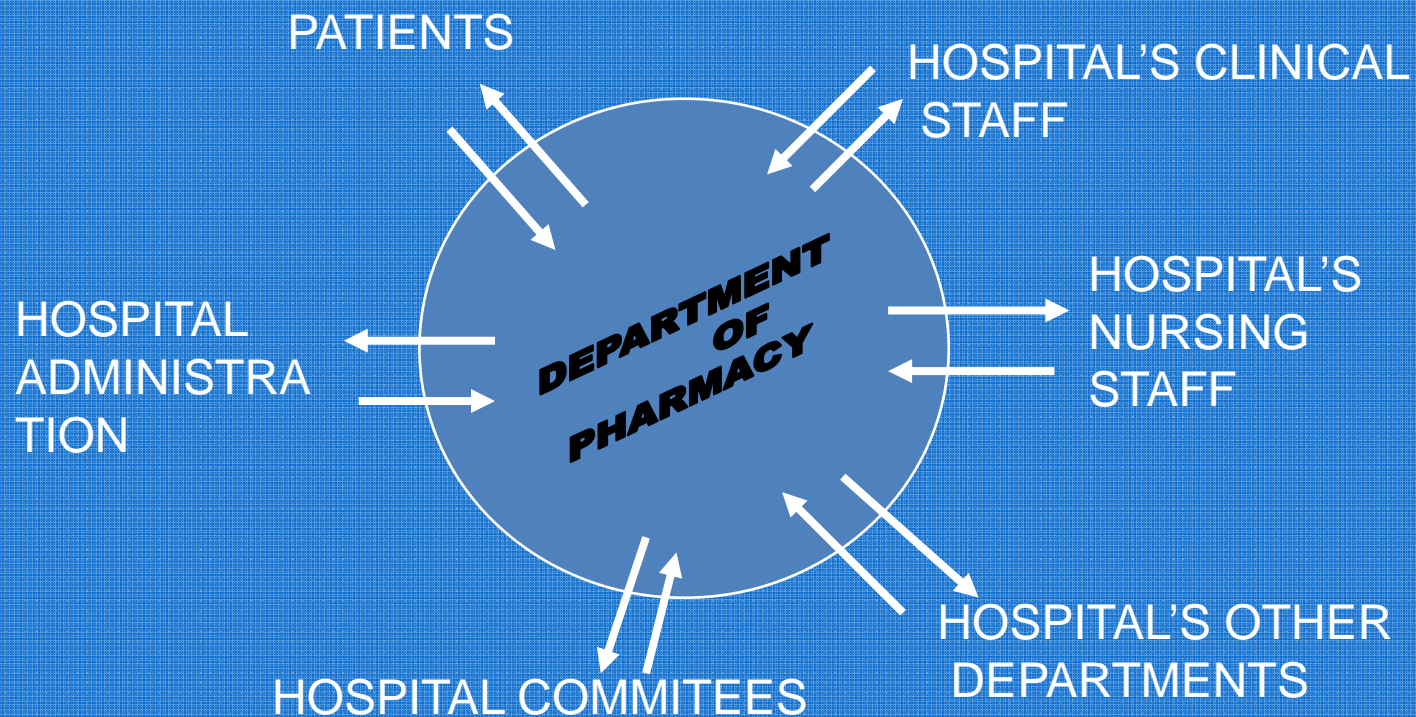
Pharmaceutical services in a hospital comprises of the services rendered to the patient through a number of activities like:

- 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 there 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

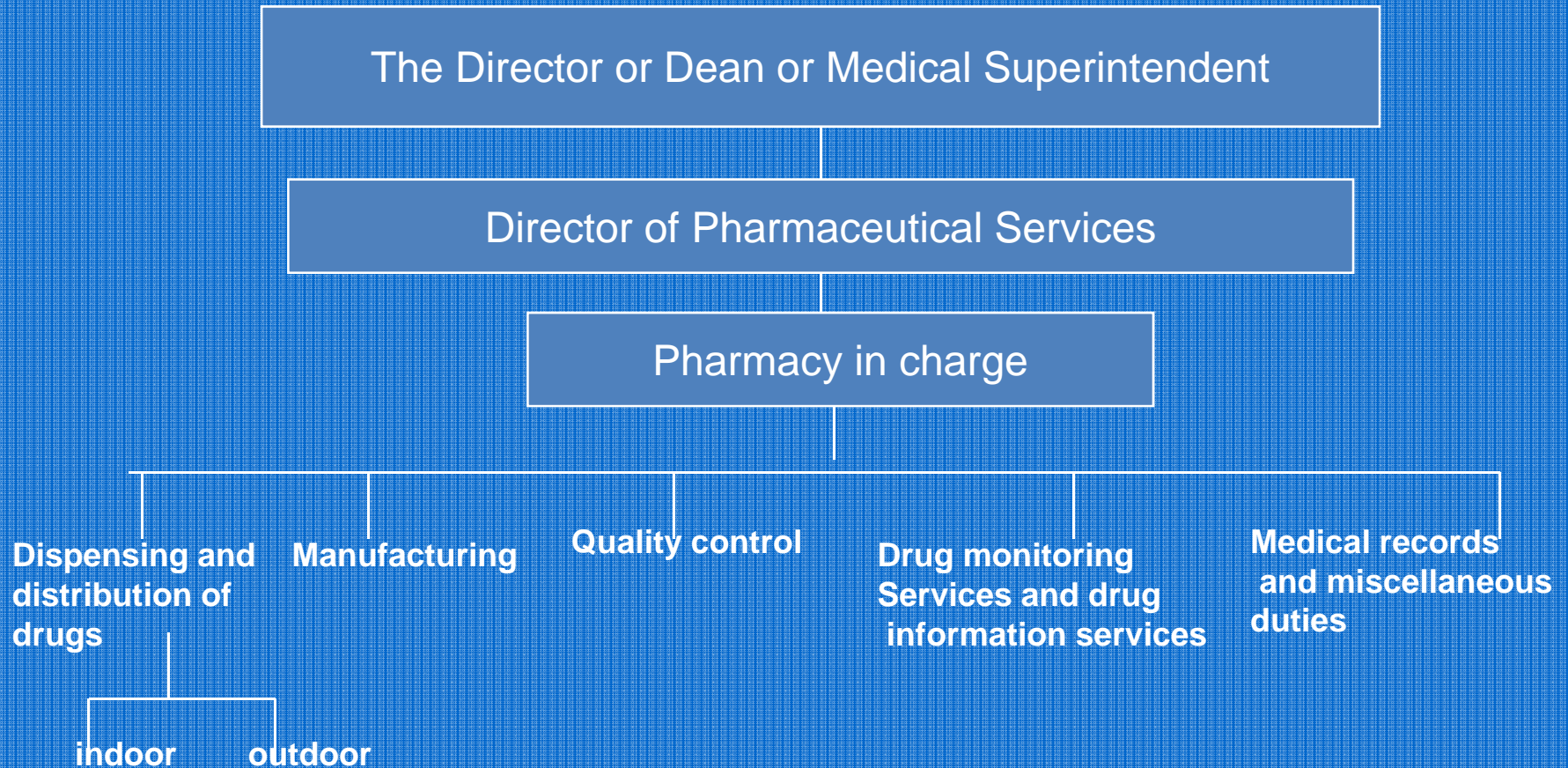
FUNCTIONS OF A HOSPITAL PHARMACIST

- 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



FUNCTIONS OF HEAD OF THE DEPARTMENT

I. **INPATIENT OR INDOOR PHARMACIST RESPONSIBILITIES:**

A. **CENTRAL DISPENSING AREA**

- * to ensure than 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 over all 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 co ordinate 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 counsel 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