

# Managing Drug Distribution



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Foreword by  
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<b>Week :</b>	References	
Pre-reading; Pharmacist MCQ Class		
<p>Competency 3: PRODUCT DISTRIBUTION  HOSPITAL PHARMACY PRACTICE SCENARIOS  Drug distribution systems,  Rx Orders: Basic requirement; Drug from formulary; Rx order from Non formulary; ASO; ASPs.  Filling Rx Unit dose system (Pass Meds, Stat Orders; Restricted drug orders; Emergency Release drug; Compassionate Drug Release), Ward stock replenishment (Refrigerated items; Emergency boxes/crash carts; Nigh cupboards/box).  Speciality areas (CIVA/Mixing of Chemotherapy agents), and clinical trial activities.  Packaging and labeling, drug information resources; formulary system.  Independent double check.  Medication Delivery System: Portering service; Equipment for transport.  Automation in pharmacy; Robots; Automated pharmacy stations;  Automated dispensing units.  Hospital Inventory Management: Drug shortage Management.</p> <p>CLINICAL PHARMACOKINETICS: Bioavailability, and bioequivalence.  Therapeutic Drug monitoring  Drugs in renal failure; Aminoglycosides, cyclosporine A  Drugs with saturable kinetics (non linear kinetic); Phenytoin and salicylates.  Drugs with linear kinetics; Theophylline, digoxin and procainamide.</p>	Pharmacy Prep Managing Drug Distribution	
Competency 4: PRODUCT SETTING		
Pharmacy Management; Business Math; Financial Management; Human Resource Management. Merchandise Inventory Management.	Pharmacy Prep Management	
Case Review		

## Module 3. Product Distribution 13%

Book: Managing Drug Distribution

- Chapter 94 Basic Calculations
- Chapter 95 Dose Calculations
- Chapter 96 Dilutions and Concentration
- Chapter 97 Clinical Pharmacokinetics
- Chapter 98 Drug Distribution and Role of Pharmacist
- Chapter 99 Formulary System
- Chapter 100 Product Packaging and Labelling
- Chapter 101 Medication Storage and Handling
- Chapter 102 Sterile Preparations
- Chapter 103 Hospital Organization and Committees
- Chapter 104 Drug Supply Chain