

# **SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES**

*Affiliated To The Tamil Nadu Dr. MGR Medical University, Chennai*

*Approved by Pharmacy Council of India, New Delhi.*

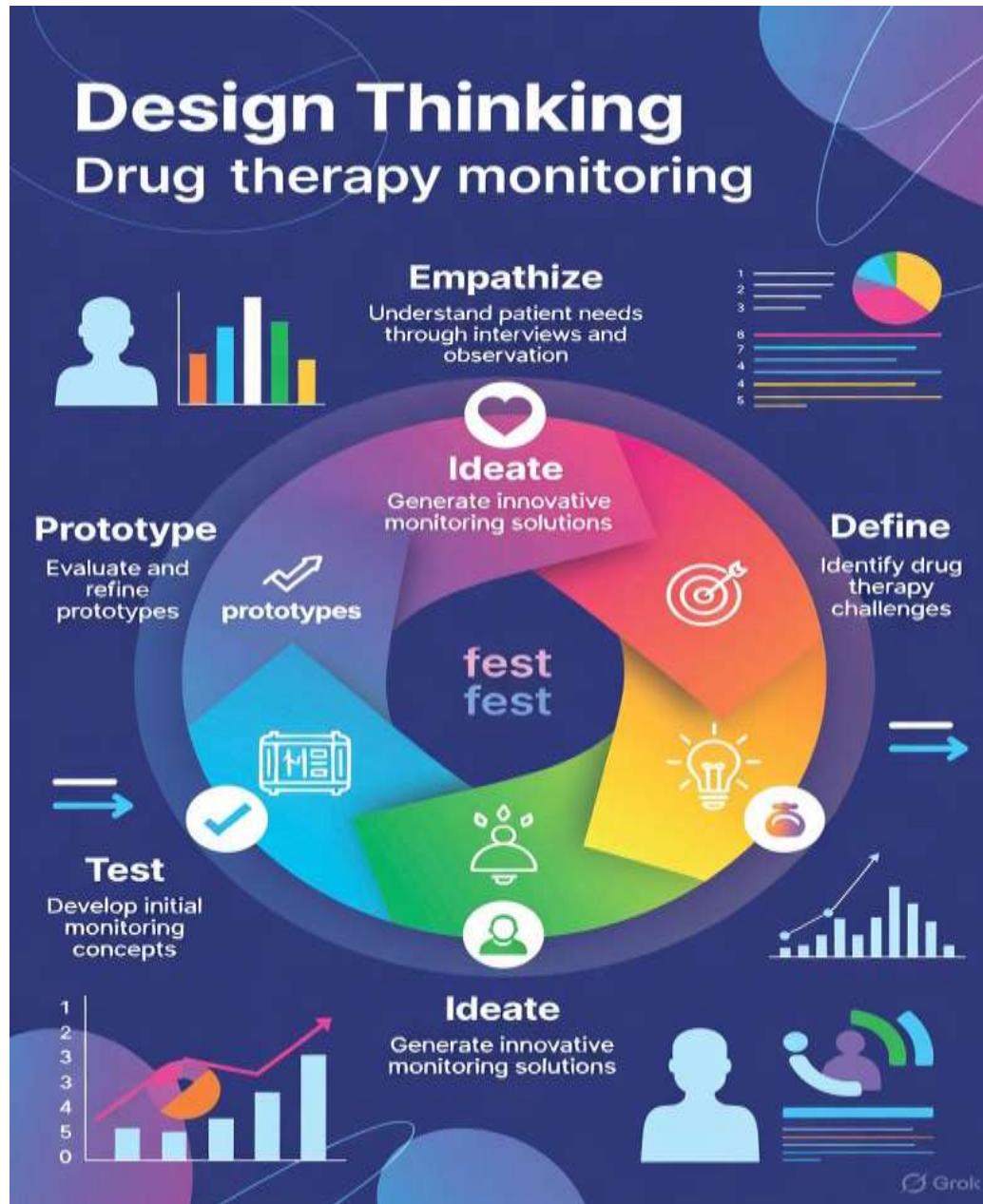
**Coimbatore -641035**



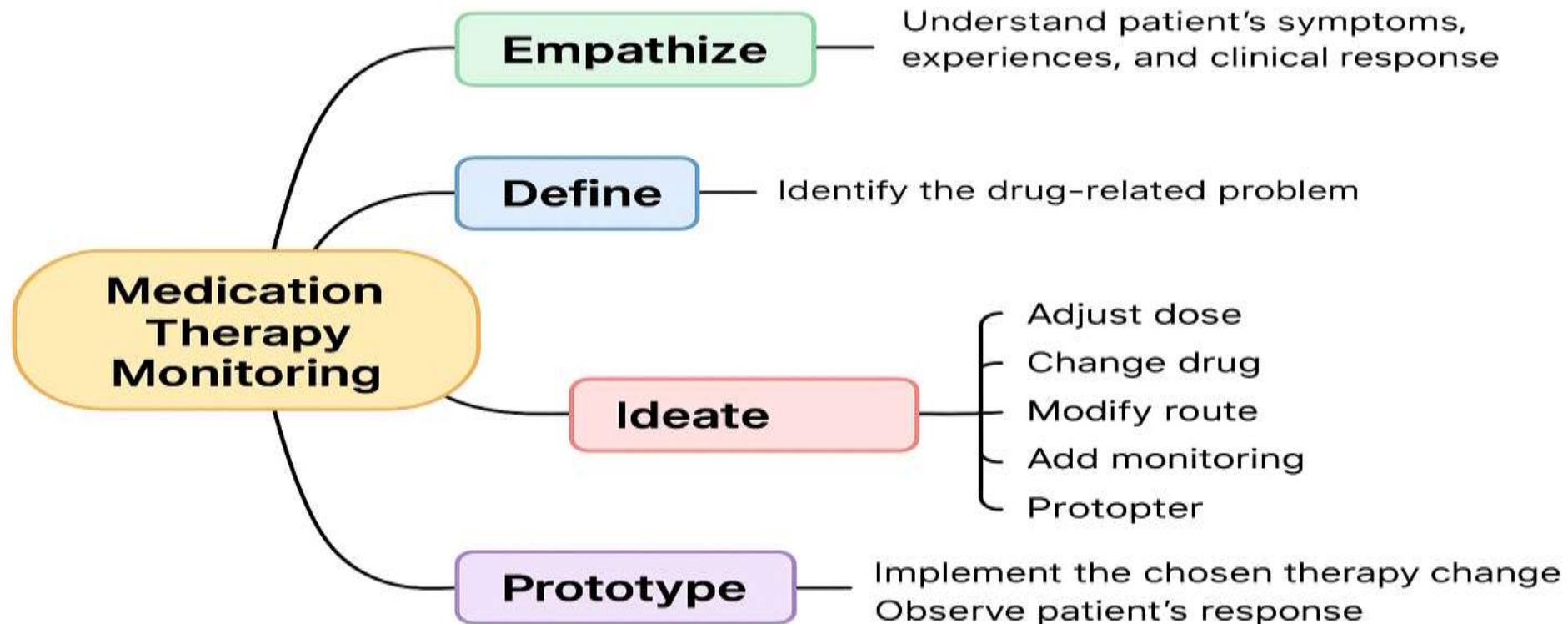
**COURSE NAME : PHARMACY PRACTICE (BP703T)**

**VII SEM / IV YEAR**

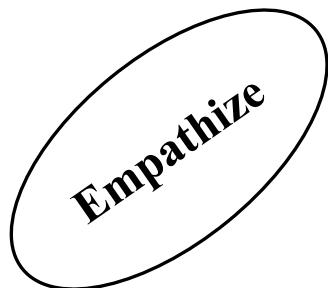
**TOPIC 4 : DRUG THERAPY MONITORING**



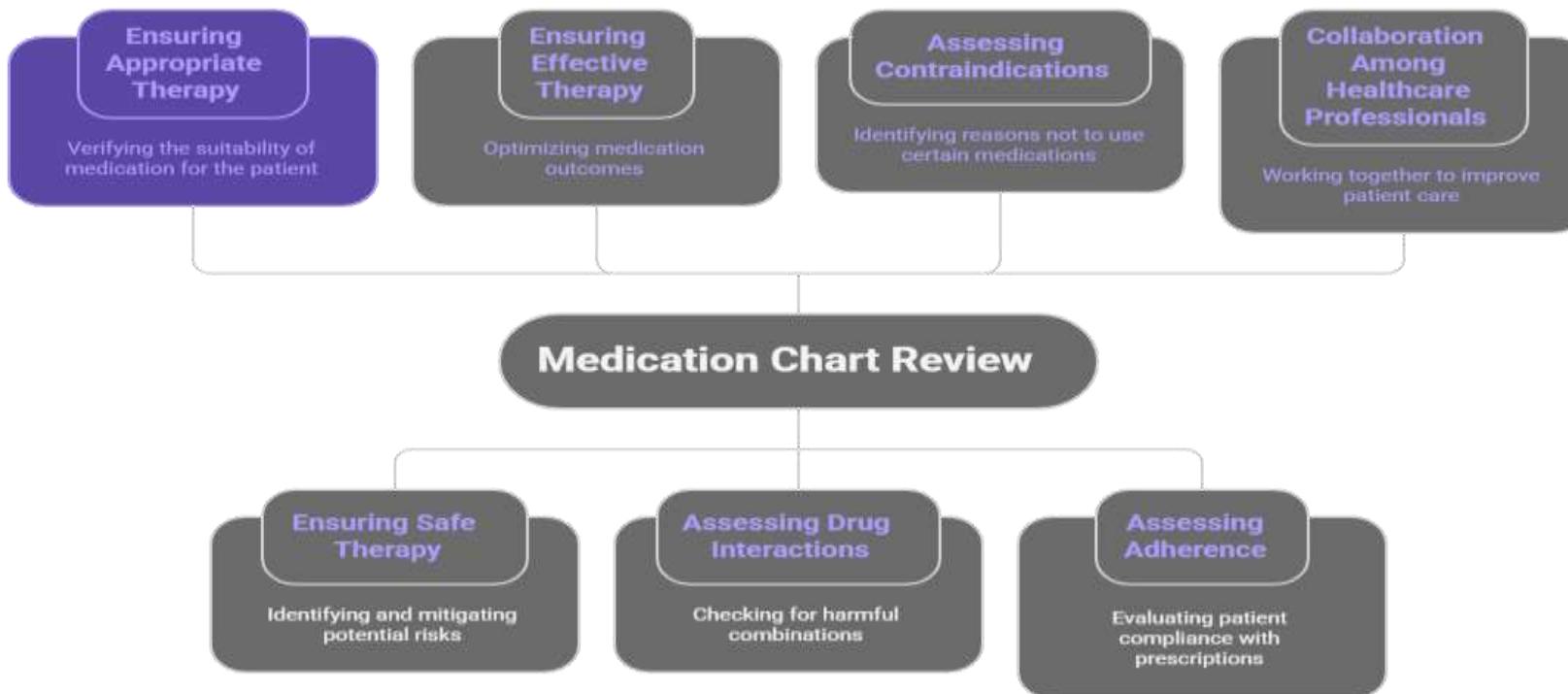
# MINDMAP



# MEDICATION CHART REVIEW



Enhancing Patient Care Through Medication Chart Review



Made with Napkin

Empathize

## CLINICAL REVIEW

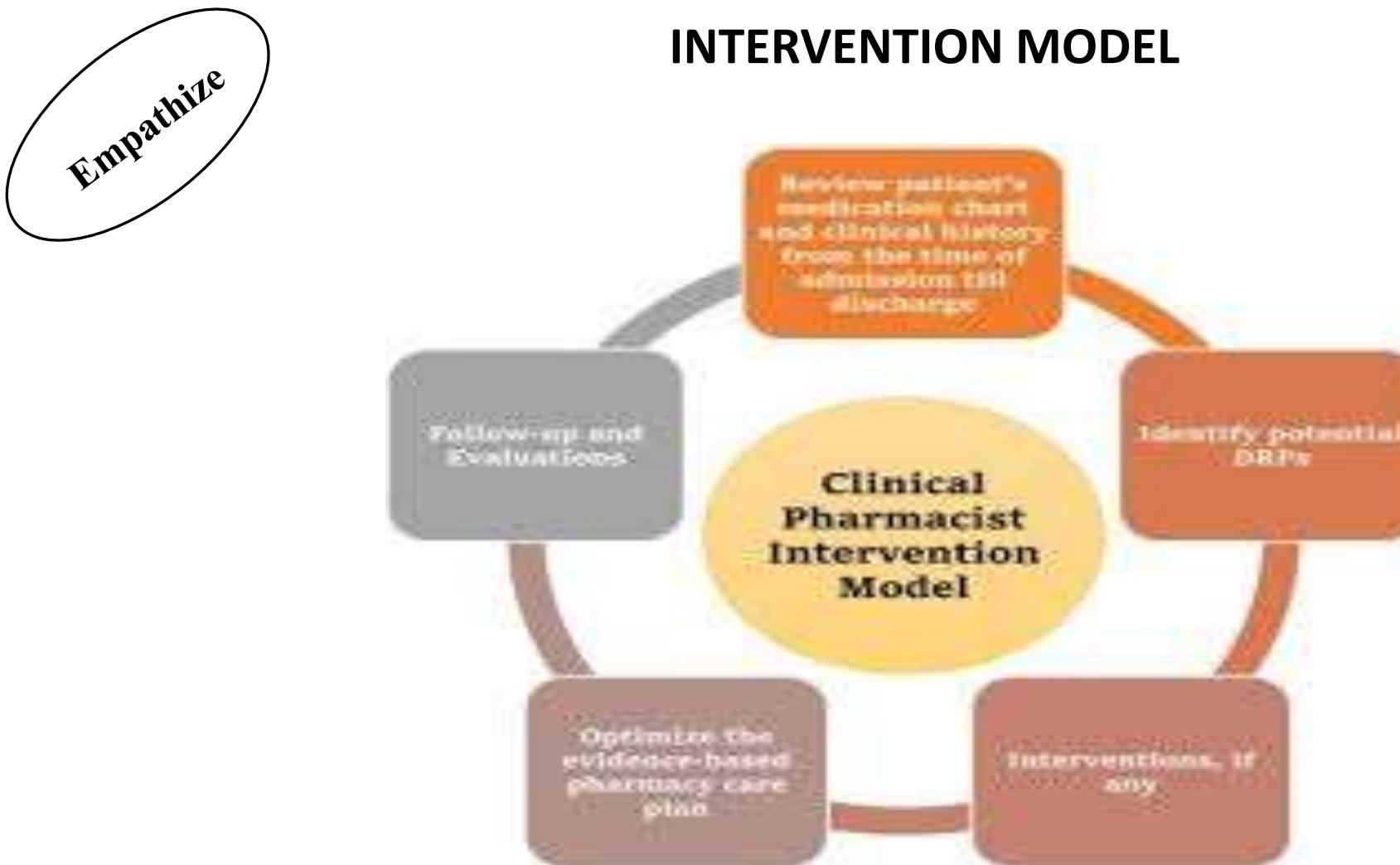


Empathize

## STEPS IN CLINICAL REVIEW

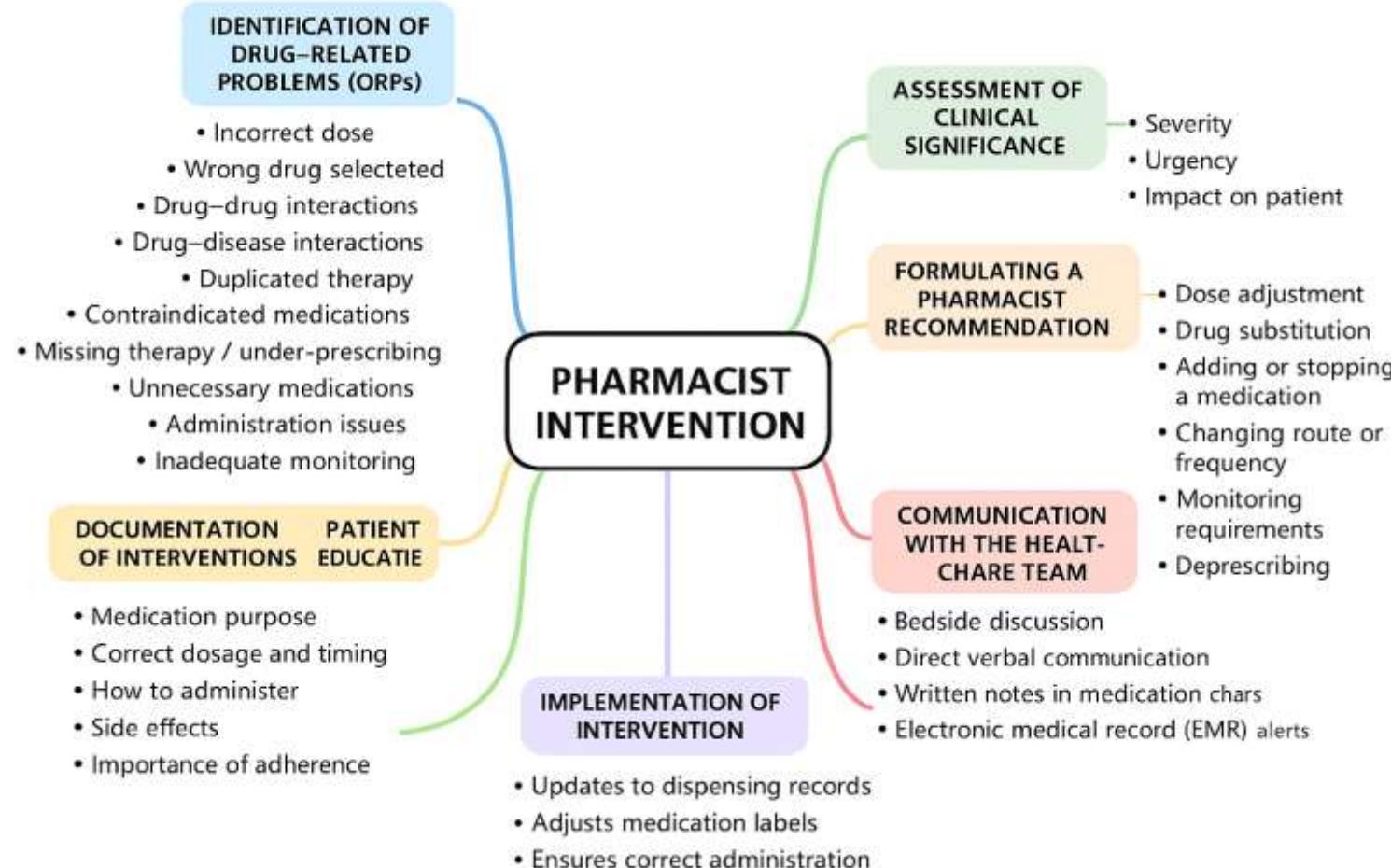


# INTERVENTION MODEL



# PHARMACIST INTERVENTION

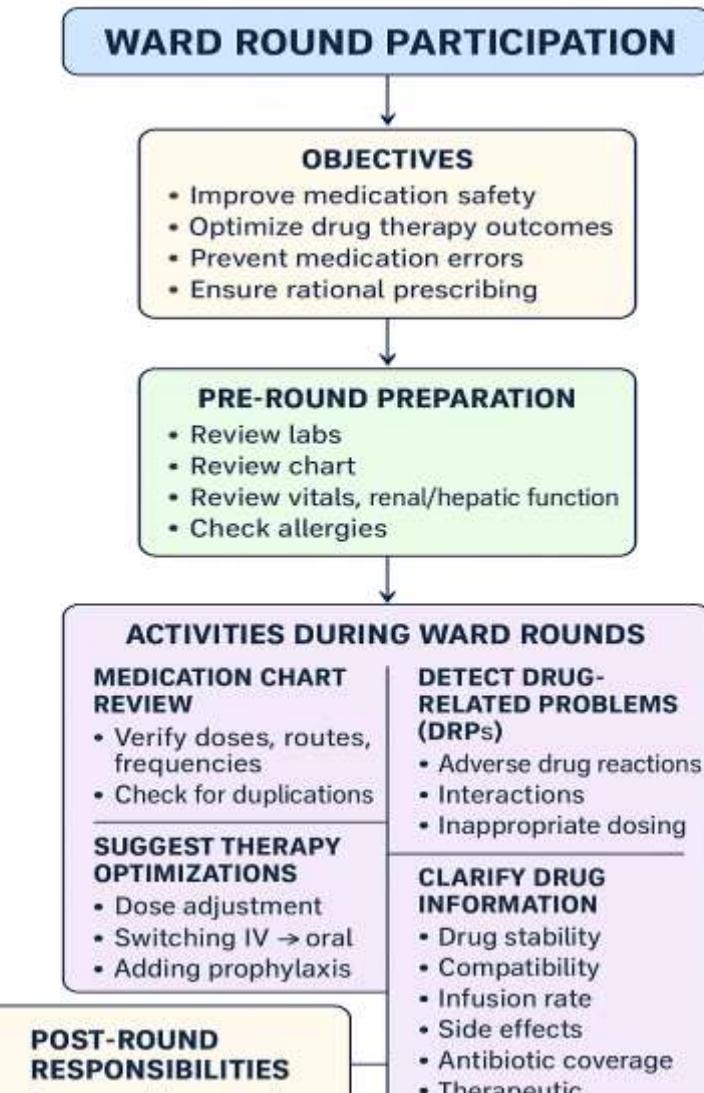
Define



# WARD ROUND PARTICIPATION



Ideate



# MEDICATION HISTORY



Prototype

# MEDICATION HISTORY

## 1.1 Definition

A medication history is a detailed, accurate, and comprehensive account of a patient's past and present medication use, including prescribed drugs, OTC medications, supplements, vaccines, nutraceuticals, and traditional remedies.

## 1.3 Types of Information Collected

### A. Prescription Medications

- Name
- Dose
- Frequency
- Route
- Duration
- Indication

### B. Non-Prescription (OTC) Drugs

### C. Herbal Medicines & Traditional Remedies

### D. Medication Allergies /Adverse Drug Reactions

- Nature of reaction, time of onset

### E. Vaccination History

### F. Medication Adherence

### G. Lifestyle Substances

- Alcohol, tobacco
- Recreational drugs

### H. Devices Used

- Inhalers
- Insulin pens
- Patches

## 1.2 Objectives

- Identify current and past medications
- Detect drug-related problems (DRPs) early
- Prevent medication errors (duplication, interactions, allergies)
- Support clinical decision-making

## 1.4 Steps for Collecting Medication History

### Preparation

Review patient records, lab data, admission notes

### Patient Interview / Caregiver Interview

Introduce yourself and explain the purpose.  
Use open-ended questions

### Verification

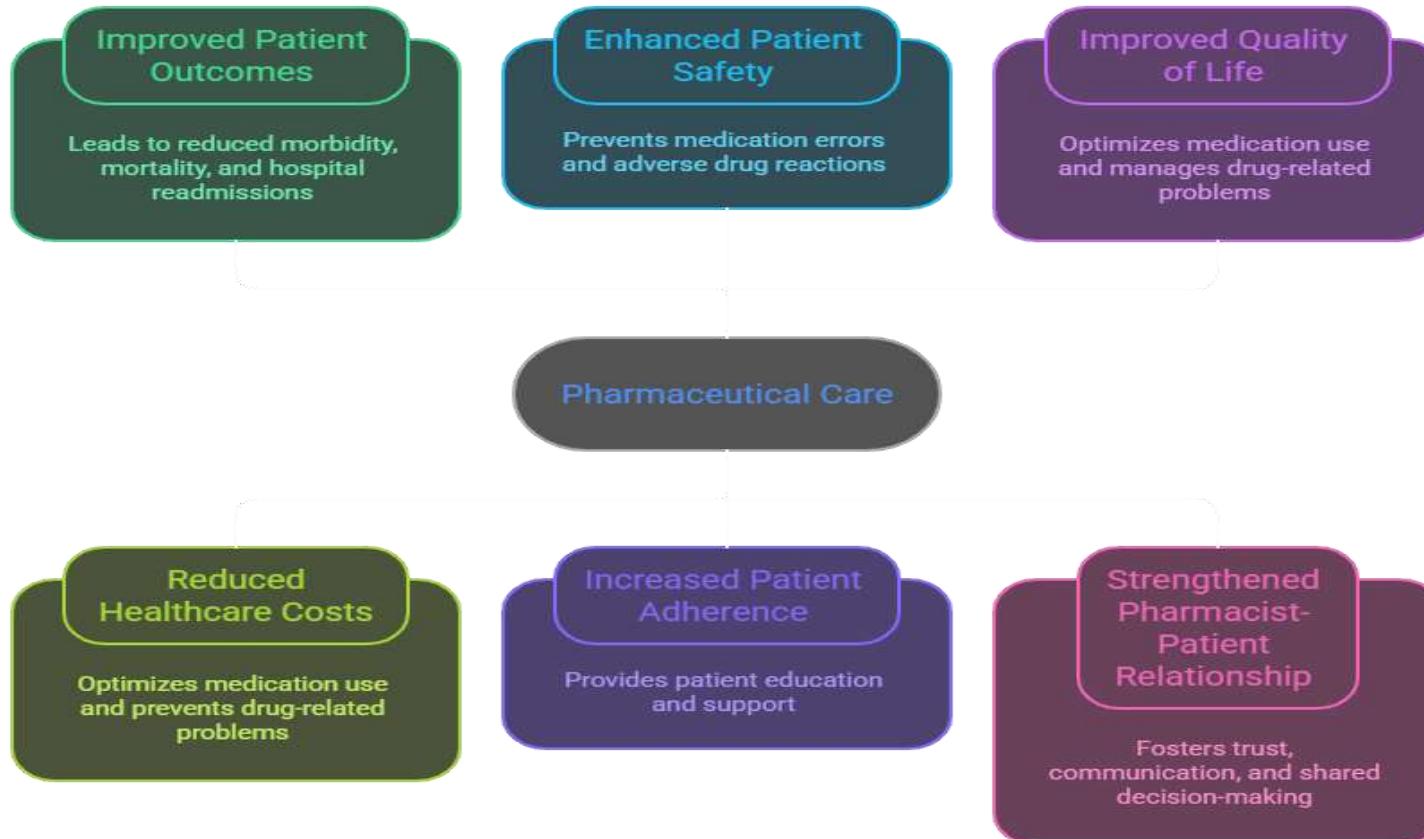
Cross-check with;

- Previous prescriptions
- Medical charts
- Pill bottles
- Pharmacy database
- Discharge summaries

### Communicate

# PHARMACEUTICAL CARE

## Benefits of Pharmaceutical Care

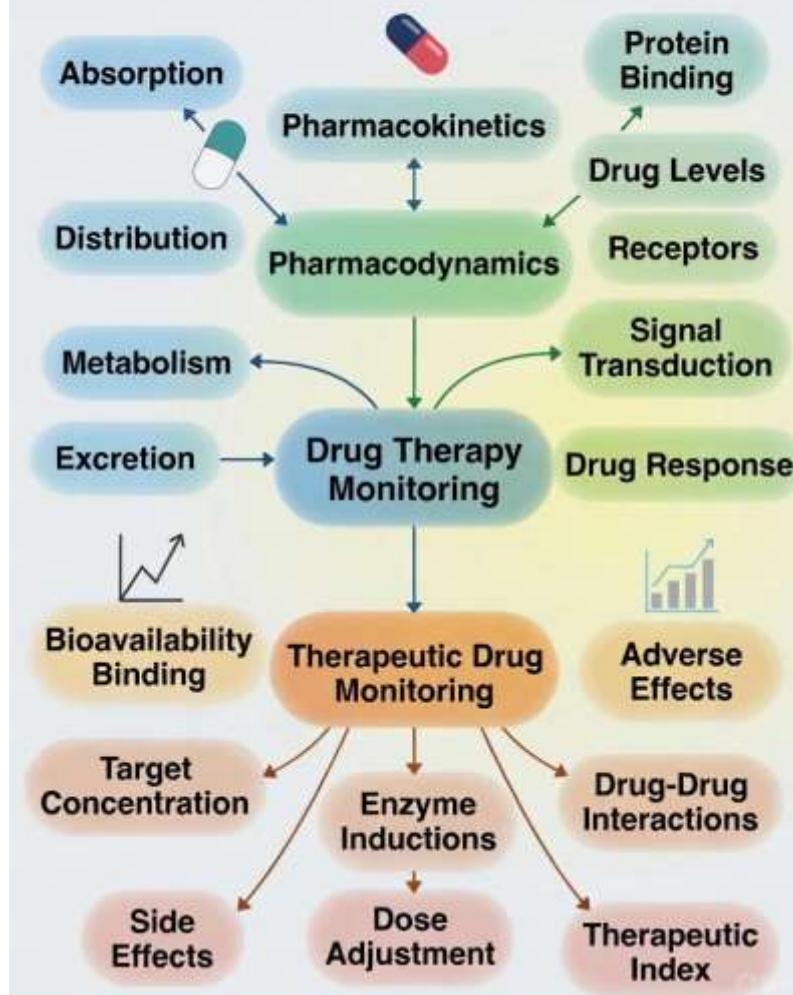


Made with  Napkin

# DRUG THERAPY MONITORING



# Summary





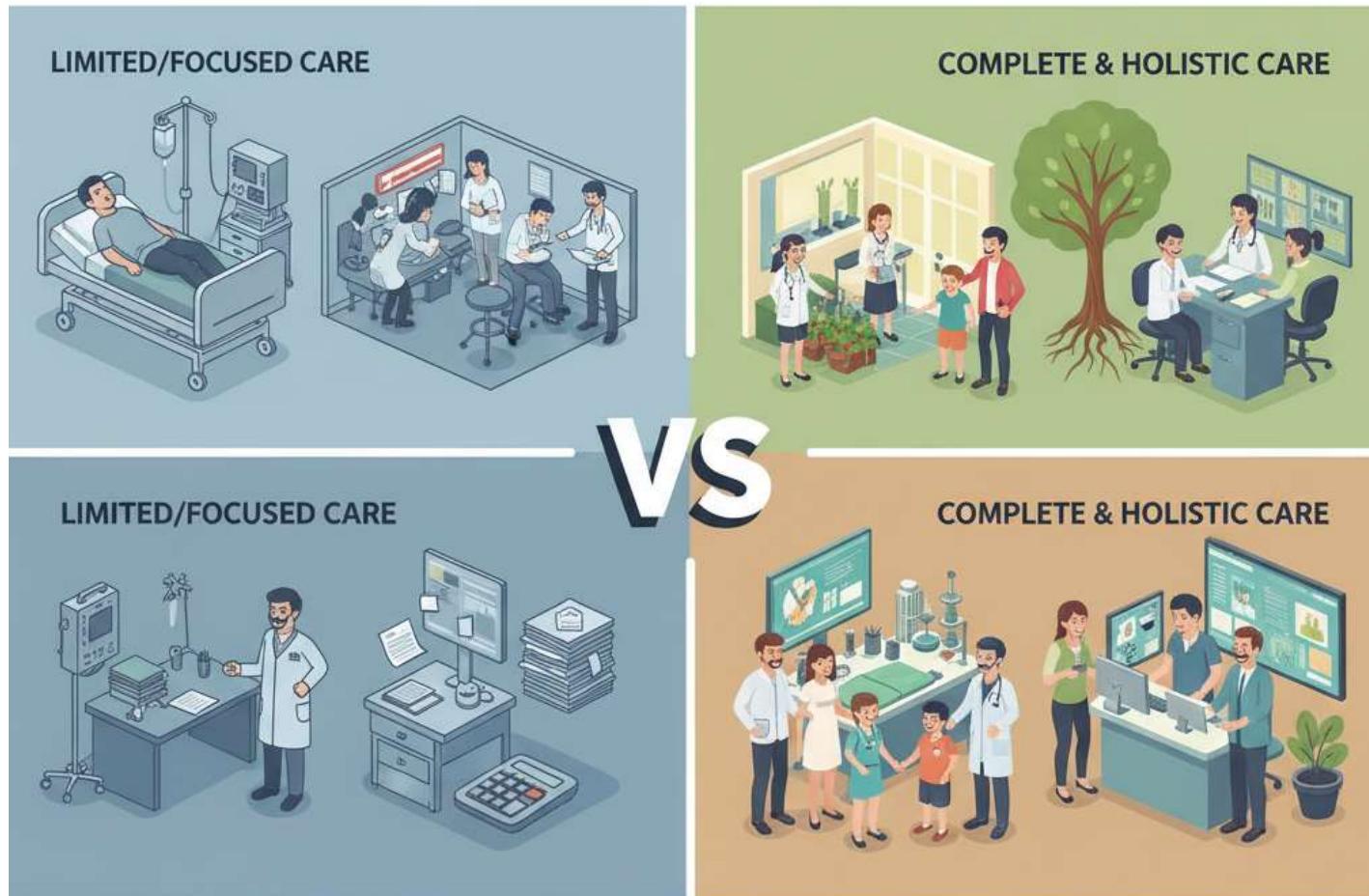
## CLASS ASSESSMENTS

- 1. The main purpose of collecting a medication history is to:**
- A. Identify patient allergies
- B. Detect drug-related problems
- C. Prevent medication errors
- D. All of the above





# CLASS ASSESSMENTS





## CLASS ASSESSMENTS

**2. Medication chart review primarily focuses on:**

- A. Reviewing vital signs
- B. Evaluating drug orders for safety and appropriateness
- C. Reviewing surgical notes
- D. Monitoring dietary intake



a. Primary hospital



General check-ups, basic emergencies, preventative care, family medicine

b. Secondary hospital



General surgery, common illness, specialties, emergency room

c. Tertiary hospital



Advanced surgery, intensive care, rare diseases, research, medical education

VS

d. Specialty hospital



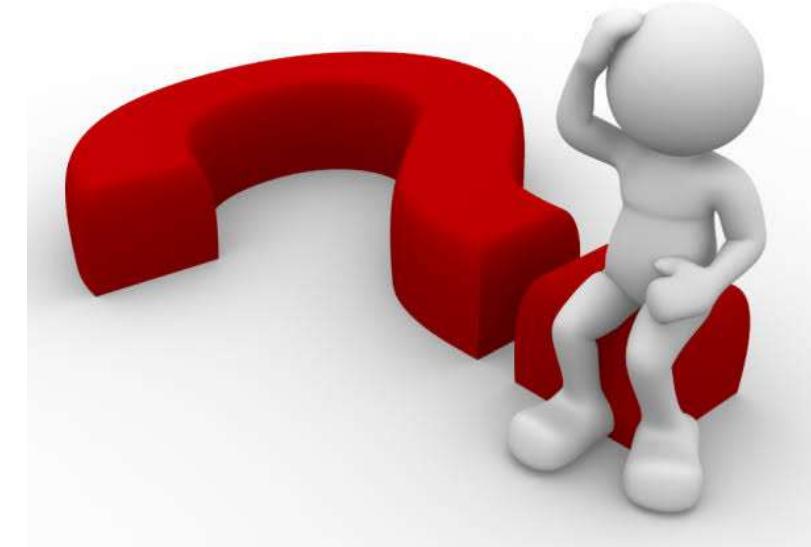
Specific medical focus (e.g., Cardiac, Cancer, Orthopedic), specialized treatments



## CLASS ASSESSMENTS

**3. Which of the following is NOT part of pharmacist intervention?**

- A. Dose recommendation
- B. Therapy monitoring
- C. Surgical procedure selection
- D. Preventing drug interactions





# CLASS ASSESSMENTS

COMPUTERIZED DRUG INFORMATION SYSTEMS QUIZ

<p><b>A) Micromedex</b></p>  <p>Comprehensive drug database, clinical support</p>	<p><b>b) Lexicomp</b></p>  <p>Drug interactions, dosing, patient education</p>
<p><b>C) UpToDate</b></p> <p>VS</p> <p>Which the following is NOT a computized drug infonation system?</p>  <p><b>Answer: D</b> </p> <ul style="list-style-type: none"><li>A) Micromdex</li><li>B) Lexic</li><li>C) UpTodate</li><li>D) Pharamopeia</li></ul>	<p><b>D) Pharmaopeia</b></p>  <p>Book of drug standards, quality, purity</p>

## REFERENCES

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Thank  
you!