

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 5 : ECONOMIC ORDER QUANTITY

DESIGN THINKING IN ECONOMIC ORDER QUANTITY



MINDMAP

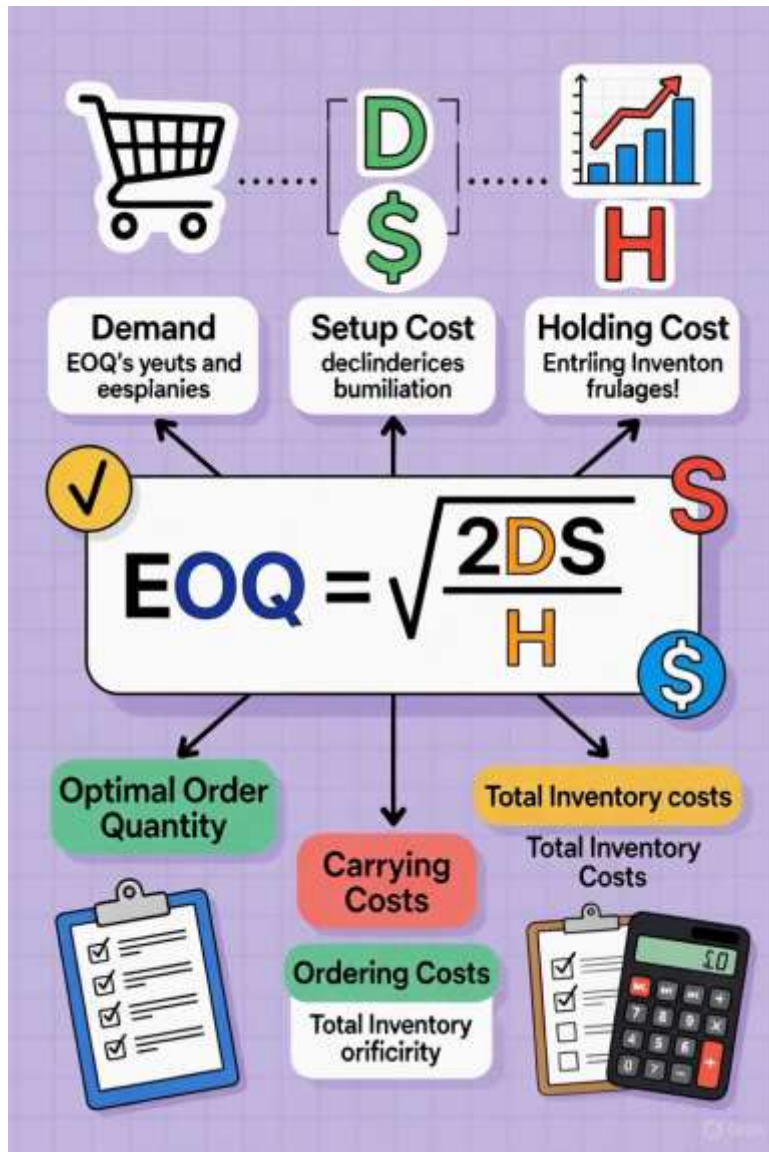


Empathize



EOQ FORMULA

Empathize



Empathize



Empathize



Define

REORDER POINT



Define



Ideate



Safety Stock for Economic Order Quantity



Prototype





FACTORS AFFECTING EOQ



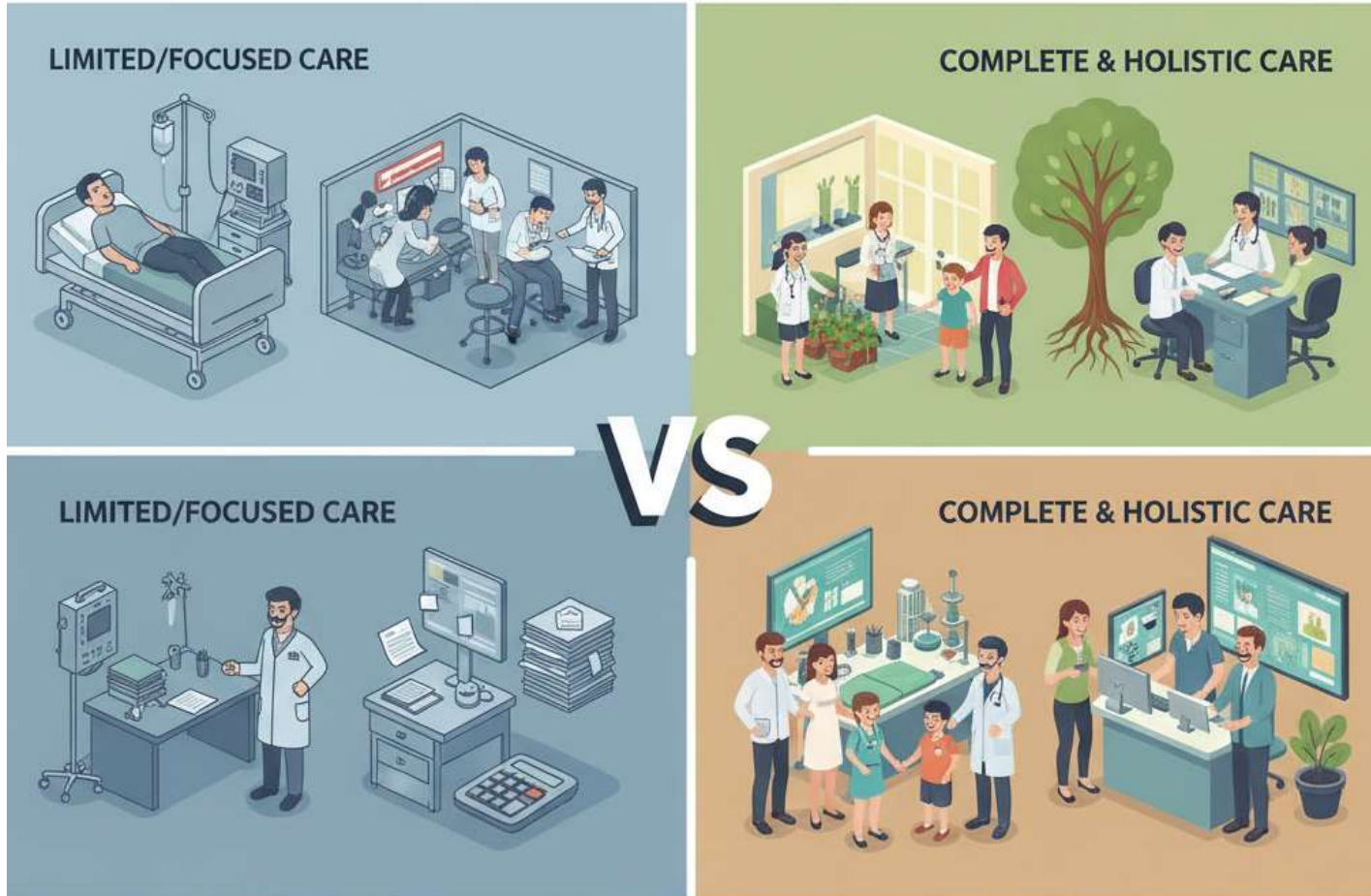
SUMMARY



1. A pharmacy has a lead time of 5 days for a particular drug, and the average daily demand is 10 units. If the safety stock is 20 units, what is the ROL?

- a) 30 units
- b) 50 units
- c) 70 units
- d) 90 units







CLASS ASSESSMENTS

2. A pharmacy has an annual demand of 1000 units for a particular drug. The ordering cost is \$10 per order, and the holding cost is \$0.50 per unit per year.

What is the EOQ?

- a) 100 units
- b) 200 units
- c) 300 units
- d) 400 units



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

d. Specialty hospital



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

VS



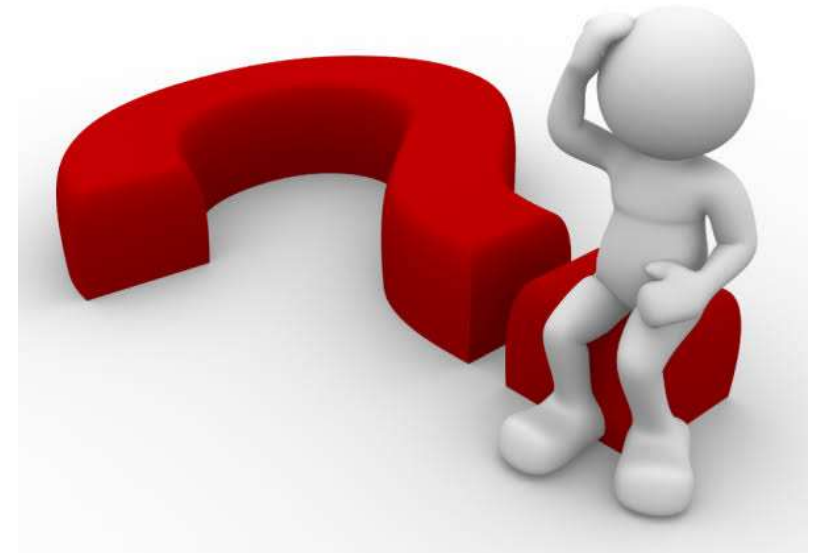


CLASS ASSESSMENTS



3. Which of the following is a key indicator used in drug expenditure analysis?

- a) Number of prescriptions filled
- b) Average cost per prescription
- c) Total drug expenditure
- d) All of the above



COMPUTERIZED DRUG INFORMATION SYSTEMS QUIZ

A) Micromedex



Comprehensive drug database,
clinical support

b) Lexicomp



Drug interactions, dosing, patient
education

VS

C) UpToDate

Which the following is NOT a computerized
drug information system?



Answer: D



- A) Micromdex
- B) Lexic
- C) UpTodate
- D) Pharamoepia

D) Pharmaopeia



Book of drug standards,
quality, purity

REFERENCES

1. Merchant S.H. and Dr. J.S.Quadry. A textbook of hospital pharmacy, 4th ed. Ahmadabad: B.S. Shah Prakakshan; 2001.
2. Parthasarathi G, Karin Nyfort-Hansen, Milap C Nahata. A textbook of Clinical Pharmacy Practice-essential concepts and skills, 1st ed. Chennai: Orient Longman Private Limited; 2004.
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5. Scott LT. Basic skills in interpreting laboratory data, 4thed. American Society of Health System Pharmacists Inc; 2009.

Thank
you!