

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 : PHARMACOTHERAPEUTICS (ER20-24T)

D. PHARM II YEAR

TOPIC : ESSENTIAL MEDICINAL LIST

MINDMAP



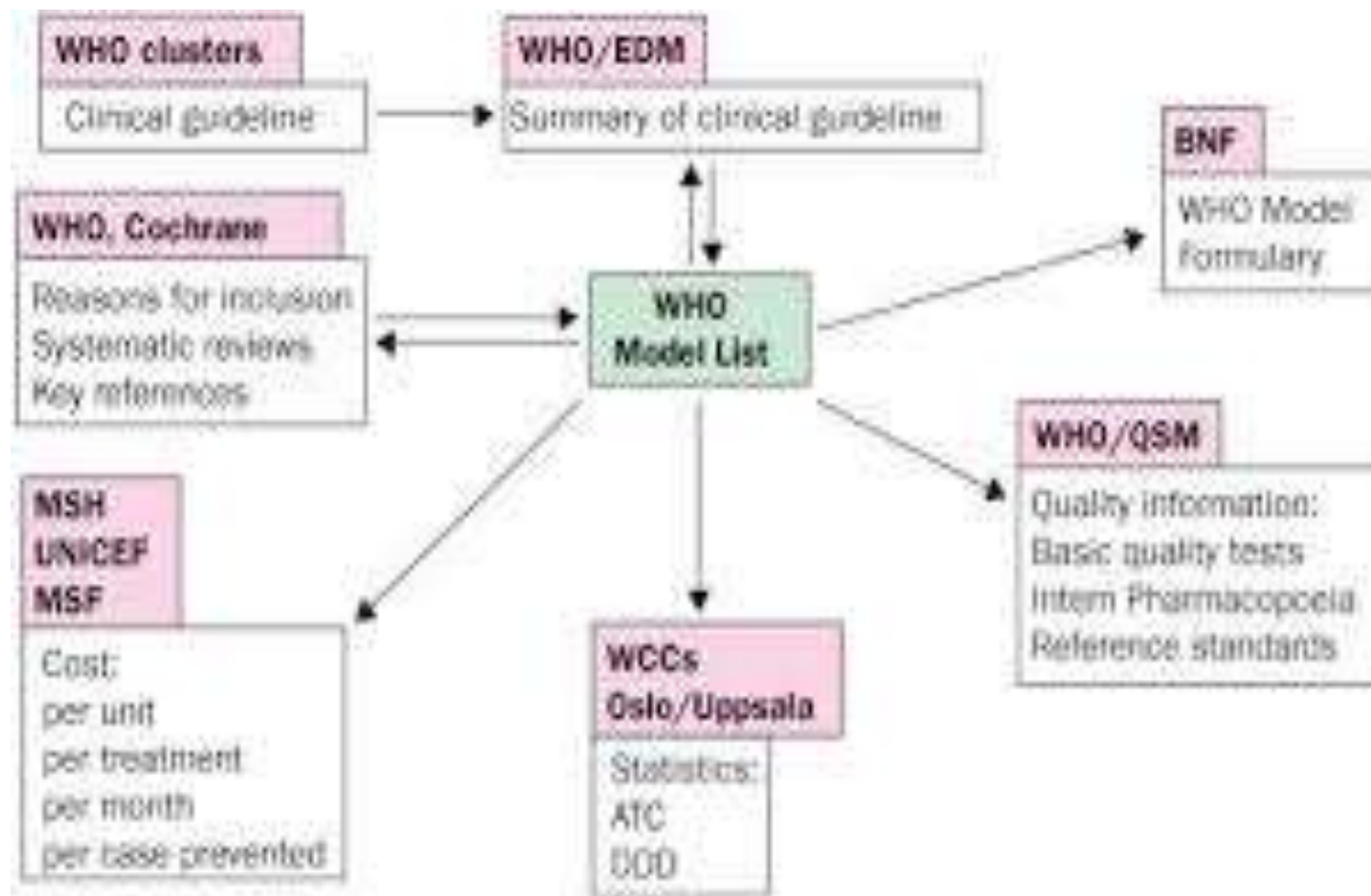
34 NEW DRUGS ADDED TO NATIONAL LIST OF ESSENTIAL MEDICINES

Criteria used for inclusion of drugs include

- Usefulness in battling diseases that are a public health problem in India
- License or approval by the drugs controller general of India
- Proven efficacy and safety profile based on scientific evidence & cost effectiveness
- Alignment with the current treatment guidelines recommended under National Health Programmes of India



DD
NEWS

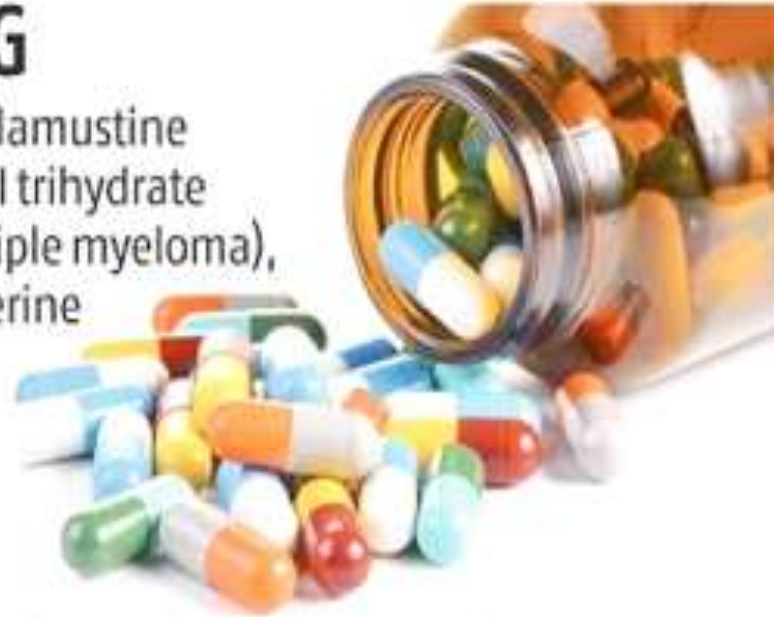


DRUGS LIST GETS A REJIG

► **Four major anti-cancer drugs** – bendamustine hydrochloride (leukemia), irinotecan HCl trihydrate (pancreatic cancer), lenalidomide (multiple myeloma), and leuprolide acetate (prostate and uterine cancer) – added to NLEM 2022

► **Insulin glargine and anti-diabetic drug** teneligliptin also included

► **Patented drugs** dolutegravir (anti-HIV), daclatasvir (Hepatitis C), and bedaquiline and delamanid (anti-TB) also part of the list



► **Common gastrointestinal drug** ranitidine removed

► **Disinfectants like bleaching powder** also taken off the list

Essential medicines

- **The concept of essential medicines**

A limited range of carefully selected essential drugs leads to

- Better health care

- Better drug management

- Lower costs

- **Definition of essential medicines**

Essential medicines are those that satisfy the priority health care needs of the population at all time.



Model List of Essential Medicines

43 years of history

2922 committee decisions

554 medicines

379 diseases covered

Now also electronic

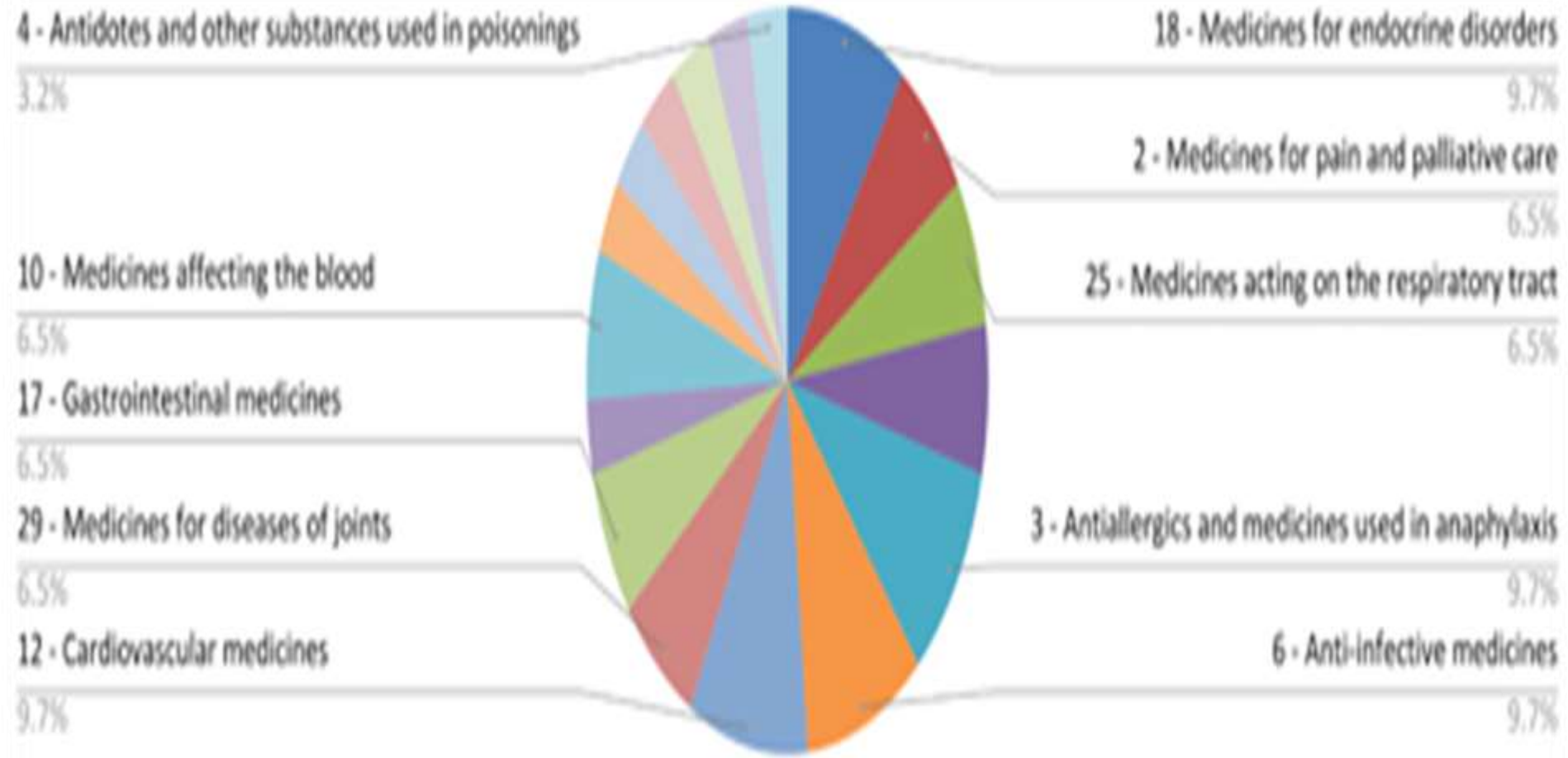
extranet.who.int/essentialmeds/list





The WHO Essential Medicines List Antibiotic Book







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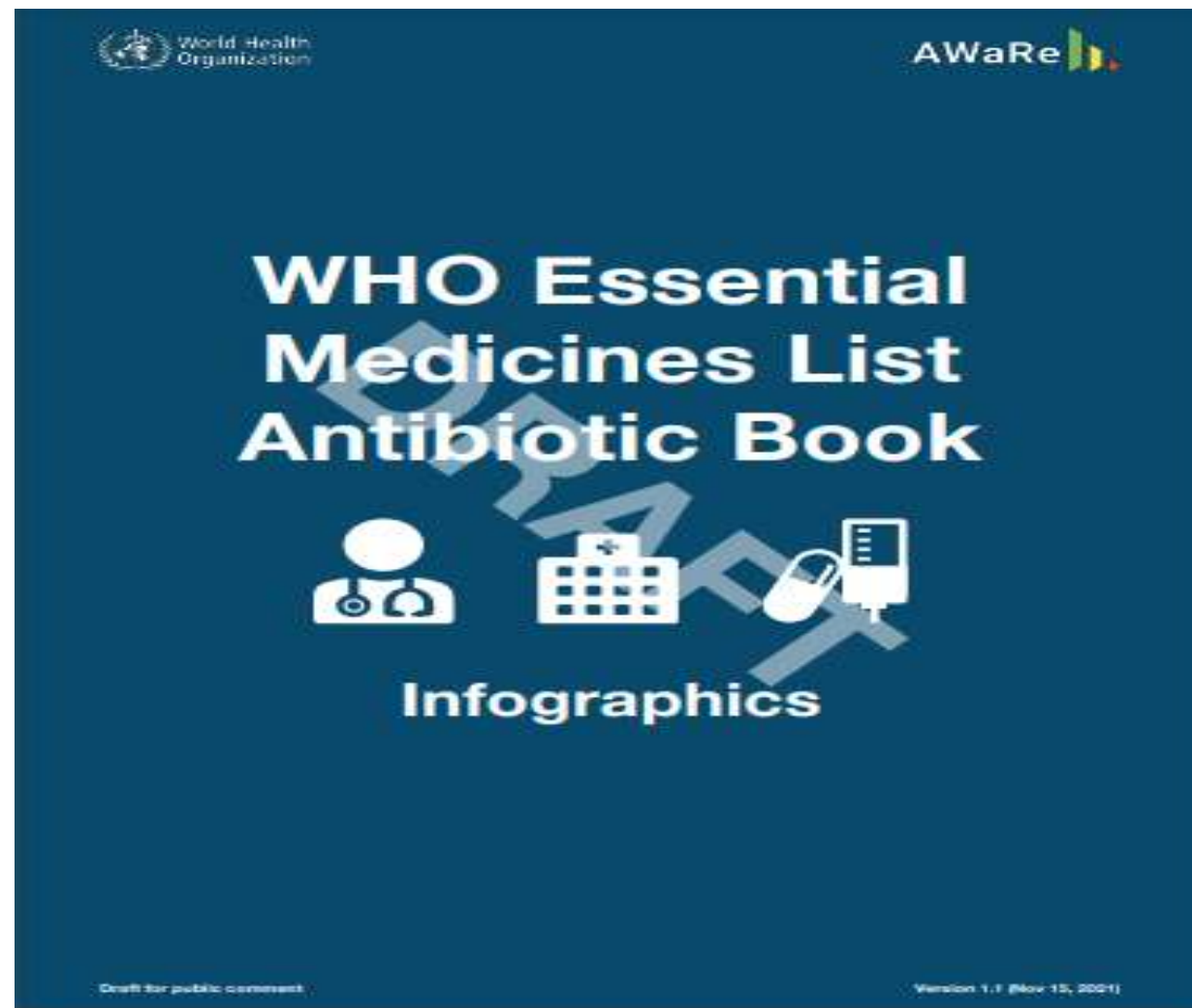
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World Health
Organization





SUMMARY



ASSESSMENTS



1.The WHO Model List of Essential Medicines is typically updated every:

- A.1Year
- B.2 years
- C.5 years
- D.10 years



2. According to WHO, what is the first step in the process of rational prescribing?



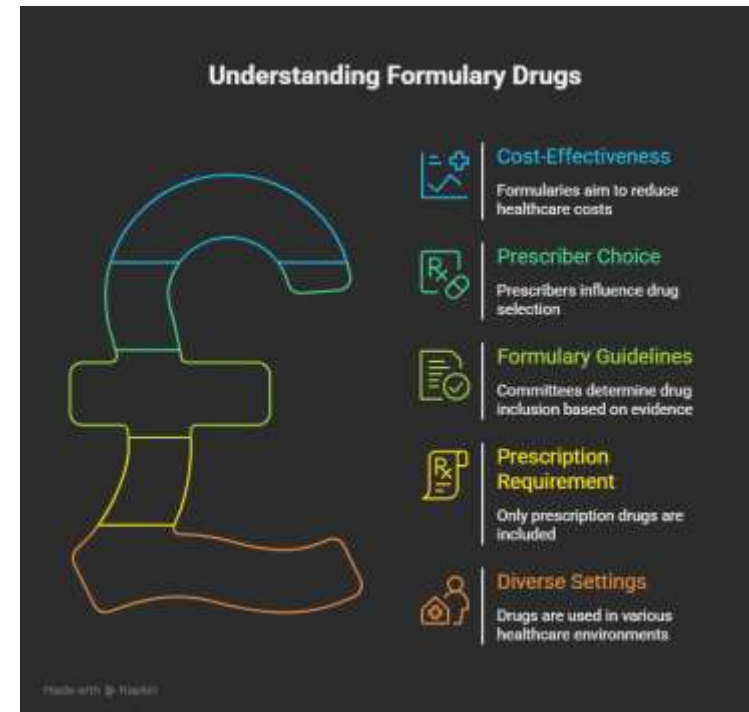
- A. Prescribe the drug
- B. Define the patient's problem
- C. Educate the patient
- D. Specify the therapeutic objective





3. What is the primary characteristic of a 'P-drug' (Personal drug)?

- A.It is the most expensive drug available
- B.It is a drug of first choice for a specific indication, chosen by the prescriber
- C.It is a drug that requires no prescription
- D.It is a drug used only in hospital settings



REFERENCES

1. World Health Organization. WHO model list of essential medicines: 23rd list. Geneva: World Health Organization; 2023. World Health Organization. The selection and use of essential medicines: report of the WHO Expert Committee. Geneva:
2. World Health Organization; 2023. (WHO Technical Report Series). Laing R, Waning B, Gray A, Ford N, 't Hoen E. 25 years of the WHO essential medicines lists: progress and challenges. Lancet. 2003;361(9370):1723–9.
3. Wirtz VJ, Hogerzeil HV, Gray AL, Bigdeli M, de Joncheere CP, Ewen MA, et al. Essential medicines for universal health coverage. Lancet. 2017;389(10067):403–76.
4. Persaud N, Jiang M, Shaikh R, Bali A, Oronsaye E, Woods H, et al.
5. Comparison of essential medicines lists in 137 countries. Bull World Health Organ. 2019;97(6):394–404.

Thank
you