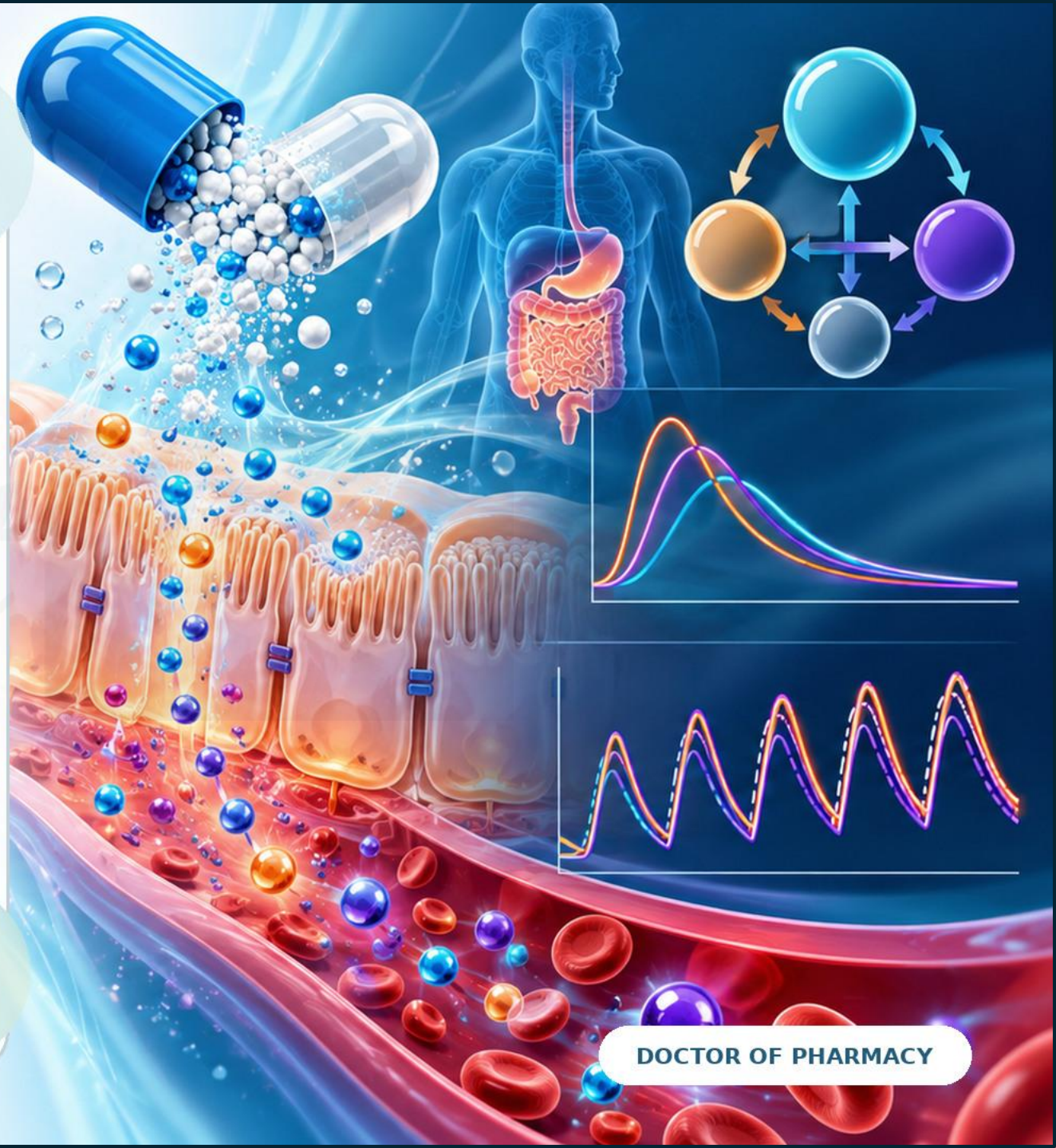
PHARM.D • YEAR 4

Biostatistics & Research Methodology

CHAPTER 3.3

Drug Information Retrieval and Storage

PPT CHAPTER COVER



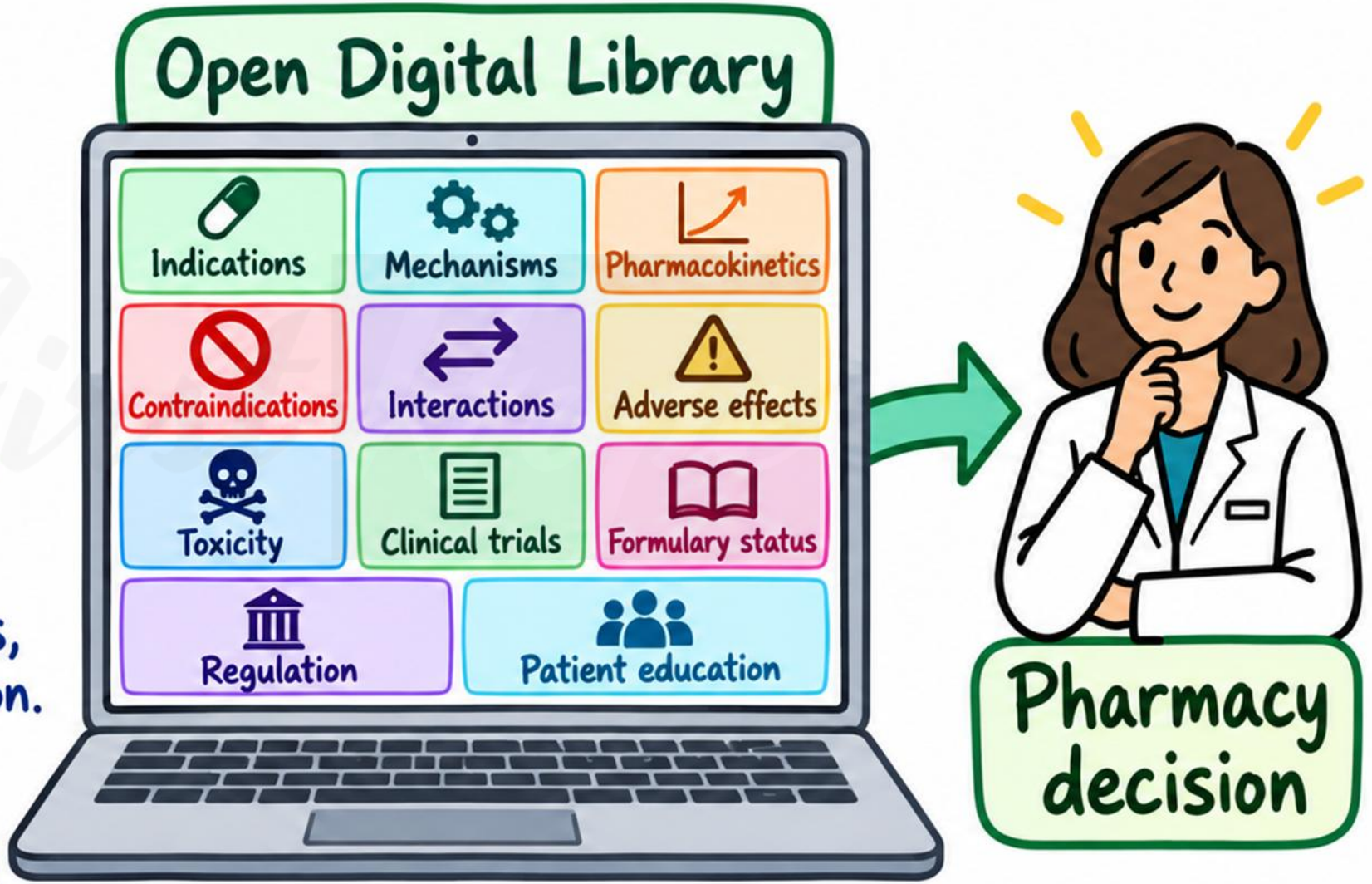
DOCTOR OF PHARMACY

Drug Information: Retrieval to Use

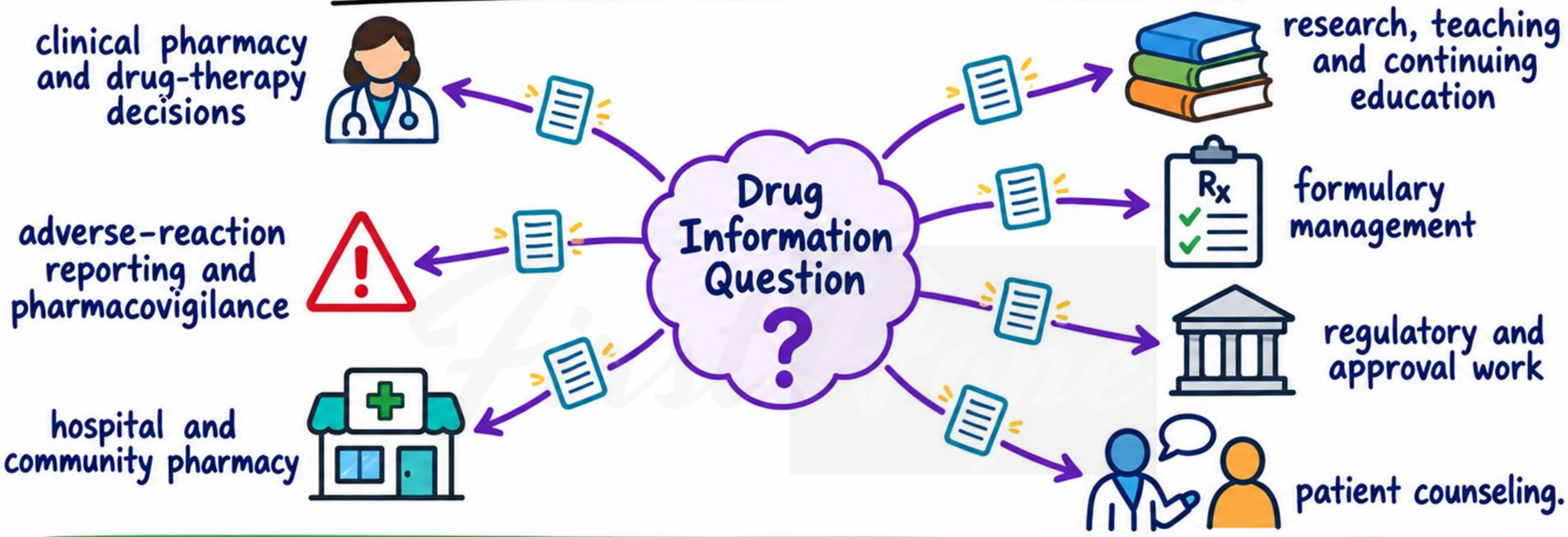
Drug information retrieval and storage is the systematic collection, organization, preservation and access of evidence about medicines.

It may include indications, mechanisms, pharmacokinetics, contraindications, interactions, adverse effects, toxicity, clinical trials, formulary status, regulation and patient education.

Timely, accurate information supports safe and evidence-based pharmacy decisions.



Where Drug Information Is Used



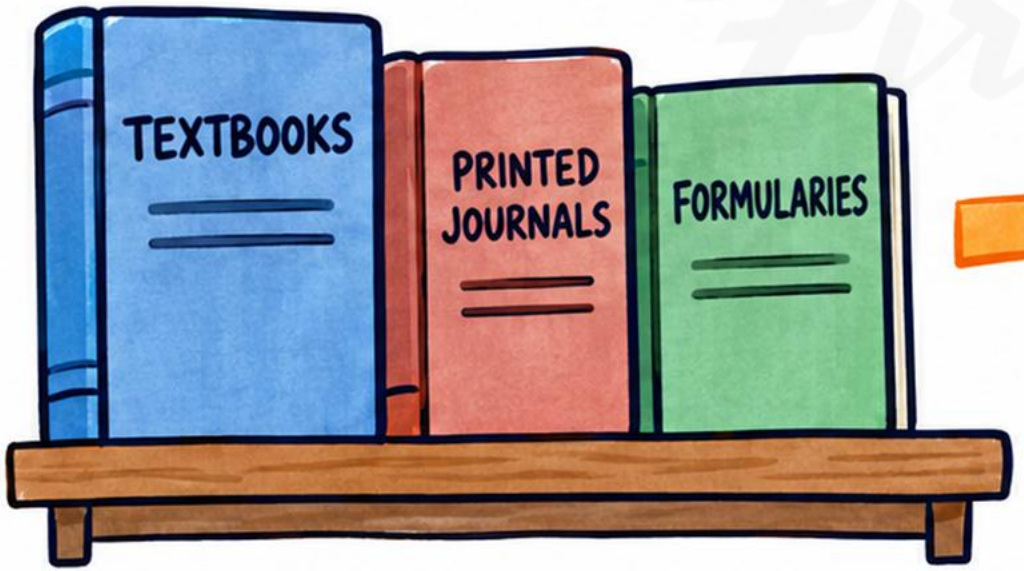
Applications include:

- clinical pharmacy and drug-therapy decisions
- adverse-reaction reporting and pharmacovigilance
- hospital and community pharmacy
- research, teaching and continuing education
- formulary management
- regulatory and approval work
- patient counseling.

The required depth, urgency and evidence standard depend on the question and intended user.

Manual vs Computerized Sources

MANUAL SOURCES — textbooks, printed journals and formularies; valuable but slower to search and may become outdated.



COMPUTERIZED SOURCES — bibliographic databases, drug-information systems, EHR-linked decision support, institutional libraries and online journals.





Update



Verify access date, version and source authority.

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