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Pharmacology (Quick Study Academic)

Pharmacology
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definitions

- pharmacology** is the study of the interactions of a drug with the body and how these interactions affect the body.
- pharmacokinetics** is the study of how a drug moves through the body and how it is eliminated.
- pharmacodynamics** is the study of how a drug affects the body and how the body responds to the drug.
- pharmacotherapeutics** is the study of how a drug is used to prevent, treat, or cure a disease.

pharmacokinetics

- absorption** is the process by which a drug enters the body.
- distribution** is the process by which a drug moves through the body.
- metabolism** is the process by which a drug is broken down in the body.
- excretion** is the process by which a drug is removed from the body.

pharmacodynamics

- receptors** are proteins on the cell surface that bind to a drug and cause a change in the cell's function.
- agonists** are drugs that bind to a receptor and cause a change in the cell's function.
- antagonists** are drugs that bind to a receptor and prevent a change in the cell's function.

pharmacokinetics vs. pharmacodynamics

Pharmacokinetics	Pharmacodynamics
How the drug moves through the body	How the drug affects the body
How the drug is absorbed, distributed, metabolized, and excreted	How the drug binds to receptors and causes a change in the cell's function

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Synopsis

Drug fundamentals, plus the most frequently prescribed drug classifications - including indications, reactions, examples & more.

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Customer Reviews

Basic, didn't find it very accurate. I believe there is info on the back page that isn't correct. Didn't include medications that are common as a point of reference. I thought it would be more in depth as to how the pharmacology actually works. Wouldn't waste money on this.

Extremely useful for someone in an introductory course in this subject. I keep it in the front of my binder, so it's on hand and easily accessible. Essentially contains the bare minimum must know facts for Pharmacology in general.

This product was not really useful for my needs as it was way to general. It basically has boxes that list drugs in categories such as NSAIDS, Androgens, Opioids, Anticoagulants etc... then gives a brief description of what these class of drugs do a short paragraph on adverse reactions and a few common names of the class of drug.

Love it. I always seem to forget little things and this has a lot of useful information for me. I am a

Pharmacology Student and use this all the time when studying and doing work in class. A few of my classmates even went and bought one after they glanced over mine.

Great study chart. Needs to be updated. For example, Schedule 1: C-1, High abuse potential; not legal; no acceptable medical use; no prescriptions available. Heroin, LSD, cocaine, marijuana, methaqualone. It has been proven that medical marijuana is an Rx with proven benefits to people suffering from chronic pain, migraines, seizures, etc. Also, cocaine has a medical approved use as a "topical cocaine" when used in conjunction with surgery to numb the patient. So, it needs to be updated. I haven't gone over the whole thing.

I purchased this to study for the pharmacy technician certification exam but I honestly didn't use it much. There's not a lot of questions concerning pharmacology on the exam. However, it appears to be a pretty decent, inexpensive study guide.

As a pharmacy student, this is wonderful to keep information fresh and to give me knowledge when I forget or to look something up. Instead of going through thousands of pages I can flip through this and get a refresher. It is great for review. I suggest this for anyone in pharmacy school or as a pharmacist. I do wish it went into more detailed information on the drugs and disease states, but it did not. Though, sometimes I forget the little things that it can help with. For the price it isn't bad. That is what I thought it would do. However, do not let this deter you from purchasing this - as a fresh student this is still extremely helpful!

not really detailed since you only have couple of pages for all drugs, which is impossible. but quite helpful for a quick review

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