

Pharmacotherapy Principles And Practice

Jill Kolesar

McGraw Hill Pharmacy Drug Cards flashcard series and the textbook Pharmacotherapy Principles and Practice. Kolesar is currently the chair of the Oncology

Jill M. Kolesar is an American pharmacist, cancer researcher, and professor, currently serving as the dean and Jean M. Schmidt Chair in Drug Discovery at the University of Iowa College of Pharmacy. She specializes in precision oncology, drug development, and molecular pharmacology, with contributions to cancer therapy, particularly for rural and underserved populations.

Dimetacrine

Pharmacotherapy of Depression in Japan In Kariya T, Nakagawara M (eds.). *Affective Disorders: Perspective on*

Basic Research and Clinical Practice.

Dimetacrine (also known as dimethacrine and acipramine; brand names Istonil, Istonyl, Linostil, and Miroistonil) is a tricyclic antidepressant (TCA) used in Europe and formerly in Japan for the treatment of depression. It has imipramine-like effects; though, in a double-blind clinical trial against imipramine, dimetacrine was found to have lower efficacy in comparison and produced more weight loss and abnormal liver tests.

Little is known about the pharmacology of dimetacrine, but it can be inferred that it acts in a similar manner to other TCAs. If this is indeed the case, dimetacrine may induce severe cardiac toxicity in overdose (a side effect unique to the tricyclic class of antidepressants).

Partial agonist

agonist/antagonist Calvey N, Williams N (2009). "Partial agonists". Principles and Practice of Pharmacology for Anaesthetists. John Wiley & Sons. p. 62.

In pharmacology, partial agonists are drugs that bind to and activate a given receptor, but have only partial efficacy at the receptor

relative to a full agonist. They may also be considered ligands which display both agonistic and antagonistic effects—when both a full agonist and partial agonist are present, the partial agonist actually acts as a competitive antagonist, competing with the full agonist for receptor occupancy and producing a net decrease in the receptor activation observed with the full agonist alone. Clinically, partial agonists can be used to activate receptors to give a desired submaximal response when inadequate amounts of the endogenous ligand are present, or they can reduce the overstimulation of receptors when excess amounts of the endogenous ligand are present.

Some...

Alkylating antineoplastic agent

14 (3): 187-204. PMID 10500495. Takimoto CH, Calvo E. "Principles of Oncologic Pharmacotherapy" Archived 2009-05-15 at the Wayback Machine in Pazdur R

An alkylating antineoplastic agent is an alkylating agent used in cancer treatment that attaches an alkyl group (C_nH_{2n+1}) to DNA.

Since cancer cells, in general, proliferate faster and with less error-correcting than healthy cells, cancer cells are more sensitive to DNA damage—such as being alkylated. Alkylating agents are used to treat several cancers. However, they are also toxic to normal cells (cytotoxic), particularly cells that divide frequently, such as those in the gastrointestinal tract, bone marrow, testicles and ovaries, which can cause loss of fertility. Most of the alkylating agents are also carcinogenic.

Pharmacy

care pharmacy practice has emerged as a unique pharmacy practice setting. Ambulatory care pharmacy is based primarily on pharmacotherapy services that

Pharmacy is the science and practice of discovering, producing, preparing, dispensing, reviewing and monitoring medications, aiming to ensure the safe, effective, and affordable use of medicines. It is a miscellaneous science as it links health sciences with pharmaceutical sciences and natural sciences. The professional practice is becoming more clinically oriented as most of the drugs are now manufactured by

pharmaceutical industries. Based on the setting, pharmacy practice is either classified as community or institutional pharmacy. Providing direct patient care in the community of institutional pharmacies is considered clinical pharmacy.

The scope of pharmacy practice includes more traditional roles such as compounding and dispensing of medications. It also includes more modern services...

Marie Chisholm-Burns

M.; Lee, Kelly C; Bookstaver, P. Brandon (2022-02-18). Pharmacotherapy Principles and Practice, Sixth Edition. McGraw-Hill Education / Medical. ISBN 978-1-260-46027-8

Marie A. Chisholm-Burns (née Chisholm) is an educator, university administrator and pharmacist. As of 2022, she is the Executive Vice President and Provost of Oregon Health & Science University (OHSU). She is also the J.S. Reinschmidt Endowed Professor in the OHSU School of Medicine Department of Surgery.

Catherine Ulbricht

, and Erica Seamon. Natural Standard Herbal

Pharmacotherapy: An Evidence-Based Approach. St. Louis, Mo: Elsevier Mosby, 2009. Basch, Ethan M., and Catherine

Catherine (Kate) Elizabeth Ulbricht is a co-founder of the Natural Standard Research Collaboration. She is a Senior Attending Pharmacist at Massachusetts General Hospital. She serves on the editorial board of Harvard Health Publications, the Journal of the American Nutraceutical Association, and Pharmacy Practice News. She is editor in chief of the Journal of Dietary Supplements.

Systolic hypertension

Opinion on Pharmacotherapy. 21 (14): 1713-1723.
doi:10.1080/14656566.2020.1781092.
PMID 32584617. S2CID 220078261.
"Guideline for the diagnosis and management

In medicine, systolic hypertension is defined as an elevated systolic blood pressure (SBP).

If the systolic blood pressure is elevated (>140) with a normal (<90) diastolic blood pressure (DBP), it is called isolated systolic hypertension. Eighty percent of people with systolic hypertension are over the age of 65

years old. Isolated systolic hypertension is a specific type of widened (or high) pulse pressure.

Opioid addiction treatment in United States prisons

(2016-04-01). "Pharmacotherapy for opioid dependence in jails and prisons: research review update and future directions"; Substance Abuse and Rehabilitation

Alongside the general opioid epidemic in the United States, there has been an increase in the number of incarcerated people in the United States experiencing opioid use disorder (also called opioid addiction). Over half of the estimated 7 million incarcerated people in the United States meet the Diagnostic and Statistical Manual for Mental Disorders (DSM) criteria for substance use disorder, and only 20% receive treatment. To alleviate this problem, the United States Department of Corrections has implemented various treatment plans and programs for inmates.

Joseph Jankovic

original articles and over 50 books, including

several standard textbooks such as Neurology in Clinical Practice and Principles and Practice of Movement Disorders

Joseph Jankovic is an American neurologist and professor at Baylor College of Medicine in Houston, Texas. He is the Distinguished Chair in Movement Disorders and founder and director of the Parkinson's Disease Center and Movement Disorders Clinic.

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