

CURRENT

Medical Diagnosis & Treatment



2013

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CURRENT

Medical Diagnosis

& Treatment

FIFTY-SECOND EDITION

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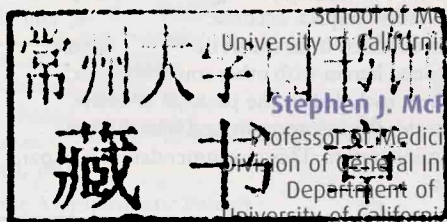
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Preface

Current Medical Diagnosis & Treatment 2013 (CMDT 2013) is the 52nd edition of this single-source reference for practitioners in both hospital and ambulatory settings. The book emphasizes the practical features of clinical diagnosis and patient management in all fields of internal medicine and in specialties of interest to primary care practitioners and to subspecialists who provide general care.

INTENDED AUDIENCE FOR CMDT

House officers, medical students, and all other health professions students will find the descriptions of diagnostic and therapeutic modalities, with citations to the current literature, of everyday usefulness in patient care.

Internists, family physicians, hospitalists, nurse practitioners, physicians' assistants, and all primary care providers will appreciate *CMDT* as a ready reference and refresher text. Physicians in other specialties, pharmacists, and dentists will find the book a useful basic medical reference text. Nurses, nurse-practitioners, and physicians' assistants will welcome the format and scope of the book as a means of referencing medical diagnosis and treatment.

Patients and their family members who seek information about the nature of specific diseases and their diagnosis and treatment may also find this book to be a valuable resource.

NEW IN THIS EDITION OF CMDT

- Addition of a new chapter on Women's Health Issues
- Expanded use of photos in chapters
- Updated CDC recommendations for adult and adolescent immunizations, including Tdap to prevent pertussis
- New algorithm for diagnosis and assessment of hypertension, and new sections on treatment of hypertension in the elderly and on treatment of hypertensive emergency
- Recommendations for anticoagulation and antiplatelet therapy for acute coronary syndromes
- New risk assessment model for deep venous thrombosis and new therapy for its prevention following hip or knee replacement
- Update on use of the thrombopoietin receptor agonists, eltrombopag and romiplostim
- Thoroughly updated breast cancer treatment options
- Updated guidelines for percutaneous coronary intervention, for coronary artery angiography and stent placement and for diagnosis of myocardial infarction by high-sensitivity troponin assay
- New antiarrhythmic and anticoagulant treatments of atrial fibrillation and use of CHADS₂ and CHADS-VASC scores to determine appropriateness of such anticoagulation
- Update on new percutaneous technique for PDA closure and newer interventional approaches to aortic, mitral, and pulmonary valve replacement
- Inclusion of new questionnaire methods to detect alcohol dependence, obstructive sleep apnea, cognitive dysfunction, and confusion
- New lung cancer screening recommendations
- Review of benefits of screening mammography, prostate specific antigen testing, and transvaginal ultrasound and serum CA-125 testing
- Update on cervical screening recommendations from the US Preventive Services Task Force
- Updated section on treating menopause
- Updated CDC guidelines for the treatment of sexually transmitted infections
- Information on new medications to lower serum uric acid
- Stepwise approach to assessing surgical risk in cardiac patients undergoing noncardiac surgery and update on postoperative myocardial infarction
- New classification of pulmonary hypertension and revised treatment options algorithm
- New drug treatment (ivacaftor) for cystic fibrosis
- FDA approval for belimumab to treat patients with active antibody-positive systemic lupus erythematosus
- FDA approval for a single rapid treponemal test for syphilis and data on sensitivity by stage of several other new tests for syphilis
- New therapeutic approach for patients with hypertrophic cardiomyopathy

- Information on mistreatment and self-neglect and on advance financial planning for elders
- Review of utility of antiretroviral medication therapy pre- and post-HIV exposure
- Strategies aimed at preventing preterm birth in high-risk women
- Information regarding a new recombinant hepatitis E vaccine and new ACIP recommendation of HPV vaccination of young males
- Extensive revision of the section on rhabdomyolysis
- Updated recommendations for inferior vena cava filter placement, tracking, and removal
- Updated rules for discontinuing hepatitis C treatment
- Updates on measuring liver stiffness for estimating degree of liver fibrosis without the need for liver biopsy
- Update on best techniques for detection of small hepatic carcinomas in patients eligible for resection
- New section on peripheral artery aneurysms
- Revised recommendations for tuberculosis screening and guidelines for a new assay to detect *Mycobacterium tuberculosis*
- Information about atypical hemolytic uremic syndrome and its treatment with eculizumab
- Update on management of factor inhibitors in hemophilia
- Information on when a laboratory work-up for thrombophilia is indicated
- Substantial revision of the following chapters: Viral & Rickettsial Infections, Disorders Related to Environmental Factors, and Blood Disorders

OUTSTANDING FEATURES OF CMDT

- Medical advances up to time of annual publication
- Detailed presentation of all primary care topics, including gynecology, obstetrics, dermatology, ophthalmology, otolaryngology, psychiatry, neurology, toxicology, urology, geriatrics, orthopedics, preventive medicine, and palliative care
- Concise format, facilitating efficient use in any practice setting
- More than 1000 diseases and disorders
- Annual update on HIV infection and AIDS
- Specific disease prevention information
- Easy access to medication dosages, with trade names indexed and costs updated in each edition
- Recent references, with unique identifiers (PubMed, PMID numbers) for rapid downloading of article abstracts and, in some instances, full-text reference articles
- ICD-9 codes listed on the inside covers

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