INTRODUCTION

Real-life clinical cases for the basic sciences and the USMLE Step 1

The Case Files series is an award-winning learning system proven to improve exam scores. This series helps medical students learn in the context of real patients instead of simply memorizing. Case Files: Neuroscience presents 55 real-life clinical cases illustrating essential concepts in neurology. Each case includes and easy-to-understand discussion correlated to key basic science concepts, definitions of key terms, neuroscience pearls, and USMLE-style review questions.

- US medical students taking required neuroscience courses (19,000/yr.)
- 55 clinical cases, each with USMLE-style questions
- Clinical pearls highlighting key neuroscience concepts
- Primer on how to approach clinical problems and think like a doctor
- Content based on the national curriculum (core competencies)
You need exposure to clinical cases to pass course exams and ace the USMLE Step 1. *Case Files: Neuroscience*, Second Edition presents 50 real-life clinical cases illustrating essential concepts in microbiology. Each case includes and easy-to-understand discussion correlated to key basic science concepts, definitions of key terms, neuroscience pearls, and USMLE-style review questions. This interactive system helps you learn instead of memorize.

- 50 clinical cases, each with USMLE-style questions
- Clinical pearls highlighting key neuroscience concepts
- Primer on how to approach clinical problems and think like a doctor
- Proven learning system based on award-winning research boosts your shelf exam scores

**ABOUT THE AUTHOR**

**Eugene C. Toy (Houston, TX)** is a duel-certified family physician and obstetrician-gynecologist. He is academic director at Methodist Hospital in Houston. **Rahul Jandial, MD (San Diego, CA)** is a lecturer and attending neurologist in the Division of Neurosurgery–University of California-San Diego Medical Center and at The Center for Neurosciences and Aging–The Burnham Institute for Medical Research in San Diego, CA. **Evan Y. Snyder, MD, PhD (San Diego, CA)** is Professor, Director, Stem Cells & Regeneration Program, Burnham Institute, Steering Committee, La Jolla Stem Cell Initiative; Coordinator, Southern Calif. Stem Cell Consortium; Attending Neonatologist, Department of Pediatrics, University of California-San Diego. **Josh Neman, PhD** (San Diego, CA) is a researcher at City of Hope Comprehensive Cancer Center. Dr. Neman is a neuroscientist specializing in breast to brain metastases, spine biologics, and stem cells.
INTRODUCTION

Real-life clinical cases for the basic sciences and the USMLE Step 1

The Case Files series is an award-winning learning system proven to improve exam scores. This series helps you to learn in the context of real patients instead of simply memorizing. Case Files: Biochemistry: Third Edition presents 50 clinical cases with open-ended questions which weave basic science concepts into the clinical scenario. Each case includes an extended discussion (including definitions and a pathophysiology discussion), key points, and 3-5 USMLE-style comprehension questions.

DESCRIPTION

Real-life clinical cases for the basic sciences and the USMLE Step 1

The Case Files series is an award-winning learning system proven to improve exam scores. This
series helps you to learn in the context of real patients instead of simply memorizing. *Case Files: Biochemistry: Third Edition* presents 50 clinical cases with open-ended questions which weave basic science concepts into the clinical scenario. Each case includes an extended discussion (including definitions and a pathophysiology discussion), key points, and 3-5 USMLE-style comprehension questions.

**ABOUT THE AUTHOR**

**Eugene C. Toy, MD (Houston, TX)**, The John S. Dunn Senior Academic Chief and Program Director, Obstetrics and Gynecology Residency Program, The Methodist Hospital; Clerkship Director and Clinical Associate Professor, Department of Obstetrics and Gynecology, University of Texas Medical School.  

**William E. Seifert, Jr., PhD (Houston, TX)** is Senior Lecturer and Medical Biochemistry Course Director in the Department of Biochemistry and Molecular Biology at The University of Texas—Houston Medical School.  

**Henry W. Strobel, PhD (Houston, TX)** is Professor in the Department of Biochemistry and Molecular Biology; Assistant Dean for Student Affairs; and Associate Dean for Faculty Affairs at The University of Texas—Houston Medical School.  

**Konrad P. Harms, MD (Houston, TX)** is Associate Program Director and Director of Academic Development for the Obstetrics and Gynecology Residency Program at The Methodist Hospital in Houston, Texas.
INTRODUCTION

More than 50 clinical cases help students excel in their microbiology coursework and on the USMLE Step 1

The Case Files series is an award-winning learning system proven to improve exam scores. This series helps medical students learn in the context of real patients instead of simply memorizing. Case Files: Microbiology: Third Edition presents 50+ clinical cases with open-ended questions which weave basic science concepts into the clinical scenario. Each case includes an extended discussion (including definitions and a pathophysiology discussion), key points, and 3-5 USMLE-style comprehension questions.

- Market: Second-year medical students (18,500/year)
- Clinical pearls highlighting key concepts accompany each case
- Primer on how to approach clinical problems teaches students to think like doctors
- Proven learning system-based on Eugene Toy's award-winning research-improves shelf
exam scores
- Written by experienced educators

DESCRIPTION

More than 50 clinical cases help students excel in their microbiology coursework and on the USMLE Step 1

The Case Files series is an award-winning learning system proven to improve exam scores. This series helps medical students learn in the context of real patients instead of simply memorizing. *Case Files: Microbiology: Third Edition* presents 50+ clinical cases with open-ended questions which weave basic science concepts into the clinical scenario. Each case includes an extended discussion (including definitions and a pathophysiology discussion), key points, and 3-5 USMLE-style comprehension questions.

- Clinical pearls highlighting key concepts accompany each case
- Primer on how to approach clinical problems teaches students to think like doctors
- Proven learning system-based on Eugene Toy’s award-winning research-improves shelf exam scores
- Written by experienced educators

ABOUT THE AUTHOR

**Eugene C. Toy (Houston, TX)** is a duel-certified family physician and obstetrician-gynecologist. He is academic director at Methodist Hospital in Houston.
INTRODUCTION

A quick-access practical reference focusing on the diagnosis and treatment of pediatric emergency medicine conditions

CURRENT Diagnosis & Treatment Pediatric Emergency Medicine is a carry anywhere, accessible text specifically designed for use in a busy, fast-paced emergency department. This unique text focuses on providing only the information needed for effective diagnosis, treatment, disposition, and improved outcomes. The consistent design features numerous headers, tables, charts, illustrations, and concise text detailing exactly what must be done in a specific pediatric emergency.

- Market: Emergency physicians (38,000 board certified /USA; 20,000 non-certified/USA; 40,000 outside the USA), emergency medicine residents (4,000), pediatricians (50,000/USA; 80,000/outside the USA), pediatrics residents (8,300)
- Numerous illustrations clarify difficult concepts
CURRENT Diagnosis & Treatment Pediatric Emergency Medicine is a carry anywhere, accessible text specifically designed for use in a busy, fast-paced emergency department. This unique text focuses on providing only the information needed for effective diagnosis, treatment, disposition, and improved outcomes. The consistent design features numerous headers, tables, charts, illustrations, and concise text detailing exactly what must be done in a specific pediatric emergency. Numerous illustrations clarify difficult concepts and the text emphasizes need-to-know information.

ABOUT THE AUTHOR

Roger L. Humphries, MD Assistant Professor and Residency Director, Department of Emergency Medicine, University of Kentucky College of Medicine, Lexington, KY.

Keith Stone, MD Professor and Chair, Department of Emergency Medicine, Texas A&M University Health Science Center, Scott & White Memorial Healthcare, Temple, TX.

Dorian Drigalla, MD, FACEP, Assistant Professor of Emergency Medicine, Texas A&M Health Science Center College of Medicine, Director, Emergency Medicine Residency Program, Scott and White Memorial Healthcare, Temple, TX

Maria Stephan, MD, Associate Professor, Department of Emergency Medicine, University of Kentucky College of Medicine, Lexington, KY
INTRODUCTION

The world’s most popular annual medical book – updated with the latest clinical advances and breakthroughs

CURRENT Medical Diagnosis & Treatment 2015 offers authoritative, evidence-based coverage of more than 1,000 diseases and disorders, along with a concise synopsis of diagnosis and treatment. In full color and utilizing numerous table and illustrations, this streamlined clinical companion is the fastest and easiest way to keep up with the latest medical advances, prevention strategies, and cost-effective treatments.

Readers will find brief, evidence-based answers to questions about hospital and ambulatory problems. CMDT delivers a complete review of internal medicine and primary care topics, including gynecology and obstetrics, dermatology, neurology, ophthalmology, geriatrics, and palliative care.

• Market: Internists (77,000), family physicians (74,000), internal medicine residents
To deliver the best care to your patients, turn to the #1 annually updated guide in internal medicine and clinical practice.

No other text links practice and research like CURRENT Medical Diagnosis & Treatment! Written by clinicians renowned in their fields, this trusted annual text offers the most current insight into symptoms, signs, epidemiology, diagnosis, prevention, and treatment for more than 1,000 diseases and disorders. You'll find concise, evidence-based answers to questions about both hospital and ambulatory problems. The streamlined format of each section in this clinical companion is the fastest, easiest way to keep abreast of the latest diagnostic advances, prevention strategies, and cost-effective treatments.

Here's why CMDT is essential to your clinical practice:

- Strong emphasis on the practical aspects of clinical diagnosis and patient management throughout the broad fields of internal medicine
- Full review of other relevant primary care topics, including obstetrics/gynecology, dermatology, neurology, urology, ophthalmology, orthopedics, geriatrics, women's health, and palliative care
- Hundreds of medication treatment tables, with indexed trade names and updated prices
- Many helpful diagnostic and treatment algorithms
- Only text with an annual review of advances in HIV treatment
- Recent references with PMID numbers for easy online access
- Many full-color photographs and illustrations

NEW TO THIS EDITION:

- Latest 2014 American Heart Association/American College of Cardiology guidelines for anticoagulation in atrial fibrillation, and indications for interventions in valvular heart disease
- Update on the epidemic of opioid-based prescription drug abuse, misuse and overdose, and new section on opioids for chronic, noncancer pain
- Revised treatment options for Helicobacter pylori and chronic hepatitis C
- Latest hypertension information from 2013 UK National Institute of Health and Clinical Excellence and US Joint National Committee (JNC8) Reports
- Discussion of which patients benefit from statins, and indications for high vs. moderate intensity statins, based on 2014 AHA/ACC guidelines
- Scoring tools for assessing the severity of acute pancreatitis
- Revised psychiatric diagnoses in accordance with the Diagnostic Statistical Manual’s 5th edition
ABOUT THE AUTHOR

Maxine Papadakis, MD, Stephen McPhee, MD, and Michael W. Rabow, MD (San Francisco, CA) are affiliated with the University of California-San Francisco School of Medicine.
INTRODUCTION

A new textbook that addresses one of the fast growing medical markets

*Point-of-Care Ultrasound Fundamentals* is the first textbook on the market written to train medical students and other health professionals on the proper use of point-of-care ultrasound devices for patient diagnosis and intervention. The subject matter and approach of the book will be geared toward entry-level practitioners that have minimal to no training or experience in ultrasound scanning. The sections on equipment and controls will address three levels of equipment capability: pocket or hand-held units; mid-range portable units with larger, high-quality displays; and laptop sizes units with advanced capabilities.

Advances in US technology and reductions in cost have led medical schools and physical therapy programs to incorporate use of ultrasound into their curricula.
• Market: Physician assistant students (13,000), medical students (19,000/year), and nurse practitioners (16,000)
• Divided into three sections: Fundamental Concepts; Equipment and Controls, and Universal Scanning Techniques, Ergonomics, and Patient Safety

DESCRIPTION

Introducing the first definitive training guide to point-of-care ultrasound

Whether you're a medical student or other health professional, this complete, one-stop tutorial takes you through everything you need to know about ultrasound scanners and their use across the full range of medical settings. Here, you'll get an incisive, step-by-step overview of the physical principles of ultrasound with detailed explanations of how each control works and why it's needed.

_Point-of-Care Ultrasound Fundamentals_ is the one clinical resource that will take your familiarity with portable ultrasound to the next level. No other sourcebook goes further to help you master ultrasound tools and techniques--so you can maximize the quality of diagnostic information obtained during the examination while ensuring patient safety and observing ergonomically-sound scanning techniques.

FEATURES:

• The ultimate entry-level ultrasound tutorial--a true point-of-care field guide for medical students, physician assistants, and nurse practitioners seeking to provide patients with efficient, accurate ultrasound diagnosis
• Covers the rapid adoption of new point-of-care ultrasound devices, from simple cell phone-size units to highly sophisticated and costly multi-transducer scanners offering 2D real-time, Duplex Doppler, and color flow imaging
• Emphasis on ensuring ultrasound safety offers insight into ultrasound interactions with tissue and the amount of energy transmitted to the patient, particularly when scanning the fetus
• Detailed descriptions of universal scanning techniques include diagrams and photographs illustrating correct and incorrect scanning methods to help prevent sonographer injury
• Excellent pedagogy includes chapter-opening learning objectives and key terms
• Numerous tables and figures throughout include precisely reproduced ultrasound images

ABOUT THE AUTHOR

Paul R. Wagner, RDMS, RDCS, RVT (University Park, PA) is Program Director of Diagnostic Medical Sonography at South Hills School of Business and Technology in State College, Pennsylvania. Paul is also on the Board of Directors of the American Registry of Diagnostic Medical Sonographers (ARDMS).

Wayne R. Hedrick, PhD (Canton, OH) is Professor of Medical Radiation Biophysics in the College of Medicine, Northeastern Ohio University, Rootstown, and a Certified Diagnostic Radiological and Medical Nuclear Physicist at Aultman Hospital, Canton.