

# Download File Innovations In Thoracic Surgery An Issue Of Thoracic Surgery Clinics Of North America 1e The Clinics Surgery Read Pdf Free

**Pediatric Orthopedics, an Issue of Pediatric Clinics** *Neuro-oncology, An Issue of Neurologic Clinics* **E-Book Pediatric Dermatology, An Issue of Pediatric Clinics, Quality Improvement, An Issue of Clinics in Perinatology** *Heart Failure, An Issue of Critical Nursing Clinics, E-Book Electromyography, An Issue of Neurologic Clinics, E-Book Tuberculosis, An Issue of Clinics in Chest Medicine* **Advanced Heart Failure, An Issue of Heart Failure Clinics, E-Book Lung Cancer, An Issue of Surgical Oncology Clinics - E-Book Surgery, An Issue of Physician Assistant Clinics** **Interventional Ultrasound, An Issue of Ultrasound Clinics, Lung Cancer, An Issue of Hematology/Oncology Clinics, E-Book Functional Connectivity, An Issue of Neuroimaging Clinics of North America, E-Book Acute Liver Failure, An Issue of Clinics in Liver Disease, E-Book CT Angiography, An Issue of Radiologic Clinics of North America, Cardiac Markers, An Issue of Clinics in Laboratory Medicine, E-Book Transgender Medicine, An Issue of Endocrinology and Metabolism Clinics of North America** **Bariatric and Metabolic Surgery, An Issue of Surgical Clinics - E-Book Surgical Approaches to Esophageal Disease, An Issue of Surgical Clinics, Anemia, An Issue of Medical Clinics of North America, E-Book Complications in Breast Reduction, An Issue of Clinics in Plastic Surgery, E-Book Breast Pathology, An Issue of Surgical Pathology Clinics** **Birth Asphyxia, An Issue of Clinics in Perinatology, E-Book Geriatric Palliative Care, An Issue of Clinics in Geriatric Medicine, Genetics of Endocrine Disorders, An Issue of Endocrinology and Metabolism Clinics of North America** **E-Book Quality in Thoracic Surgery, An Issue of Thoracic Surgery Clinics, E-Book Sleep and the Heart, An Issue of Sleep Medicine Clinics, E-Book Obesity, An Issue of Endocrinology and Metabolism Clinics of North America** **Sleep and Performance, An Issue of Sleep Medicine Clinics** **Necklift, An Issue of Clinics in Plastic Surgery, United States Skin Disease Needs Assessment, An Issue of Dermatologic Clinics - E-Book Geriatric Psychiatry, An Issue of Psychiatric Clinics of North America, E-Book Pediatric Prevention, An Issue of Pediatric Clinics of North America** *Advances in Hemodynamic Monitoring, An Issue of Critical Care Clinics, Primary Care of the Medically Underserved, An Issue of Primary Care: Clinics in Office Practice, E-Book Robotic Urology: The Next*

*Frontier, An Issue of Urologic Clinics* Alcoholic Liver Disease, An Issue of Clinics in Liver Disease, E-Book **Nephrology: Innovations in Clinical Practice, An Issue of Nursing Clinics E-Book** **Gastrointestinal Pathology, An Issue of Surgical Pathology Clinics, E-Book** Primary Biliary Cholangitis, An Issue of Clinics in Liver Disease E-Book

A comprehensive review of bariatric and metabolic surgery for the general surgery! Topics include: The obesity epidemic/economic impact and diabetes epidemic/economic impact, physiology of obesity/diabetes, physiology of weight loss surgery, history of bariatric surgery, laparoscopic adjustable gastric banding, sleeve gastrectomy, biliopancreatic diversion/duodenal switch, laparoscopic gastric bypass, complications of laparoscopic adjustable gastric binding, complications of laparoscopic gastric bypass, outcomes/comparative effectiveness studies, co-morbidity reduction data, economic impact of bariatric surgery, adolescent bariatric surgery, revisional bariatric surgery, the future of bariatric surgery, and more! Dr. Pysropoulos has assembled the top authors in the field to provide current reviews on acute liver failure, to be the first time this topic is addressed in one volume. Topics are devoted to Classification and Epidemiologic Aspects of Acute Liver Failure; Acute Liver Failure: Mechanisms of disease and multi-systemic involvement; The Pathology of Acute Liver Failure; Liver Regeneration in the Acute Liver Failure Patient; Viral Hepatitis and Acute Liver Failure: Still a Problem; Drug- induced Liver Injury and Acute Liver Failure; Acetaminophen and Acute Liver Failure; Non-Viral Or Drug-Induced Etiologies of Acute Liver Failure; The Clinical Spectrum and Manifestations of Acute Liver Failure; Non ICU Management of Acute Liver Failure; Management of Acute Liver Failure in the ICU Setting; Prognostic Models of Acute Liver Failure; The Role of Liver Transplantation in Acute Liver Failure; and Future Approaches and Therapeutic Modalities for Acute Liver Failure. Readers will come away with a current point of view about how to approach and manage the patient with acute liver failure. This issue of Thoracic Surgery Clinics, guest edited by Dr. Felix Fernandez, is devoted to Quality in Thoracic Surgery. Dr. Fernandez has assembled expert authors to review the following topics: Risk adjustment and performance measurement for lung cancer resection; Risk adjustment and performance measurement for esophageal cancer resection; Oncologic quality indicators in thoracic surgery; National Quality Forum metrics for thoracic surgery; Volume outcome relationships in thoracic surgery; Failure to rescue in thoracic surgery; Quality and cost in thoracic surgery; Patient reported outcomes in thoracic surgery; Database audit in thoracic surgery; European Society of Thoracic Surgeons risk score; International database collaboration in thoracic surgery; Hospital readmissions following thoracic surgery; and more! This issue of Neuroimaging Clinics of North America focuses on Functional Connectivity, and is edited by Dr. Jay Pillai. Articles will include: Applications of rs-fMRI to presurgical mapping: sensorimotor mapping; Dynamic functional connectivity methods; Machine learning applications to rs-fMRI analysis; Frequency domain analysis of rs-fMRI; Applications of rs-fMRI to epilepsy; Data-driven analysis methods for rs-fMRI; Applications of rs-fMRI to presurgical mapping: language mapping; Limitations of rs-fMRI in the setting of focal brain lesions; Applications of rs-fMRI to neuropsychiatric disease; Applications of rs-fMRI to

Traumatic Brain Injury; Applications of rs-fMRI to neurodegenerative disease; Graph theoretic analysis of rs-fMRI; and more! The Guest Editors have put together an issue of clinical reviews that provides the most current look at PBC. Authors, all experts in their respective areas, have submitted articles in the following areas: Changes in epidemiology of PBC; Genetic and epigenetics in PBC; Role of bile acids and the bicarbonate umbrella in the pathogenesis of PBC; Current treatment options in PBC; Work in progress: Drugs in development; Natural history of PBC in the UDCA era: Role of scoring systems; Treatment of Pruritus: Tricks of the trade; Chronic complications of cholestasis: Work-up and Management; Individualizing care: Management beyond medical therapy; Role of liver biopsy: When to do, how to stage; AMA-negative PBC: Is it really the same as AMA-positive PBC?; New thoughts on Overlap syndrome with auto-immune hepatitis; and Current status of liver transplantation for PBC. This issue of *Surgical Pathology Clinics*, edited by Dr. Laura C. Collins, will focus on Breast Pathology. Topics include, but are not limited to: Core needle biopsy of the breast, Mucinous Lesions of the Breast: Pragmatic approach to fibroepithelial lesions; Lymph node inclusions; Differential diagnosis of benign spindle cell lesions of the breast; Ancillary Prognostic and Predictive Testing in Breast Cancer; Lesions of the Low Grade Breast Neoplasia Pathway; Genotype-Phenotype Correlation in Breast Neoplasia; Lobular Carcinoma in Situ; and Processing and Reporting of Breast Specimens in the Neoadjuvant Setting. This issue of *Clinics in Geriatric Medicine* is devoted to Palliative Care. Guest Editors Thomas Smith, MD and Madeline Leong, MD have assembled a group of expert authors to review the following topics: Palliative Care in the Era of Healthcare Redesign; Communications to Patients; Communications by Professionals; International Palliative Care; Public Health and Palliative Care; Culturally Relevant Palliative Care; Spirituality, Religion, and Healing in Palliative Care; Alternative, Complementary and Mainstream Therapies in Palliative Care; Symptom Management in the Older Adult; Interaction of Palliative Care and Primary Care; Palliative Care in the Ambulatory Geriatric Practice; Choosing Cancer Therapy Based on Geriatric Assessment; and Emergency Medicine and Palliative Care. This issue of *Ultrasound Clinics* addresses interventional procedures in Ultrasound. Topics include: Breast-Ultrasound Surveillance and Intervention; Ultrasound-Guided Abscess Drainage: Technical and Clinical Aspects; The Use of Ultrasound in TIPS: Pre-Procedural Role in Evaluating the Need for Intervention; Dialysis Fistula Surveillance; Ultrasound-Guided Solid Organ Biopsy; Ultrasound-Guided Biopsies of Superficial Structures (Thyroids and Lymph Nodes); Ultrasound-Guided Biliary Intervention; Tumor Ablation: US vs CT; Ultrasound-Guided Vascular Access and Intervention; The Use of Ultrasound in Musculoskeletal Interventions; Ultrasound and GPS Technology; High-Intensity Focused Ultrasound; Varicose Vein Ablation; Diagnosis and Intervention in the Venous Portal System; and Ultrasound Evaluation of Hepatic Artery Stenosis. This issue of *Hematology/Oncology Clinics* will focus on lung cancer; specifically, Genomics in lung cancer; Neoadjuvant and adjuvant therapy for NSCLC; Treatment of locally advanced NSCLC; First line systemic therapy for NSCLC; Second line chemotherapy and beyond for NSCLC; Treatment of EGFR mutant tumors; Treatment of ALK positive tumors; New targets in NSCLC; Immunotherapy; Advances in Small cell lung cancer; and many more! This issue of *Neurologic Clinics*, guest edited by Dr.

Devon I. Rubin, will cover key topics in Electromyography. This issue is one of four selected each year by our series consulting editor, Dr. Randolph W. Evans. Topics discussed in this issue will include: Nerve Conduction Studies, Needle EMG, Electrodiagnostic Assessment of Uncommon Mononeuropathies, EDX Assessment of Uncommon Mononeuropathies, Electrodiagnostic Assessment of Radiculopathies, Electrodiagnostic Assessment of Plexopathies, Electrodiagnostic Assessment of Polyneuropathy, Electrodiagnostic Assessment of Myopathy, Electrodiagnostic Assessment of Neuromuscular Junction Disorders, Electrodiagnostic Assessment of Motor Neuron Diseases, Electrodiagnostic Assessment of Hyperexcitable Nerve Disorders, and EMG Case Examples. Provides in-depth, clinical reviews on the latest updates in Electromyography, providing actionable insights for clinical practice. Presents the latest information on this timely, focused topic under the leadership of experienced editors in the field; Authors synthesize and distill the latest research and practice guidelines to create these timely topic-based reviews. This issue discusses the concerns of skin disease in the United States and the national clinical dermatology research priorities – the article topics also closely follow the plan set out by the recent dermatology needs assessment of the UK. Articles include Health Care Disparities, The Burden of Skin Disease in the United States, as well as specific conditions such as psoriasis, acne, and melanoma. There is also an article devoted to dermatologic surgery needs assessment. This issue of Medical Clinics, guest edited by Dr. Thomas G. DeLoughery, is devoted to anemia. Articles in this issue include: Anemia: Evaluation and Diagnostic Tests; Anemia of Chronic Disease; B12/Folate Deficiency; Iron Deficiency; Myelodysplasia; Autoimmune Hemolytic Anemia; Congenital Hemolytic Anemia; Sickle Cell Disease; Thrombotic Microangiopathy; Unusual Anemias; and Transfusion Therapy. This issue of Clinics in Chest Medicine, edited by Dr. Charles L. Daley and Dr. David Lewinsohn, focuses on Tuberculosis. Topics include: Epidemiology of Tuberculosis (TB) in the United States; Immunology of Tuberculosis; Tuberculosis and Biologics; Laboratory Diagnosis of Tuberculosis; Supranational Tuberculosis Reference Laboratories (a global approach); Treatment of Drug Susceptible Tuberculosis; Treatment of Drug-Resistant Tuberculosis; New Drugs for the Treatment of Tuberculosis; Diagnosis of Latent Tuberculosis: the Role of Interferon Gamma Release; Treatment of Latent Tuberculosis; Management of Children with Tuberculosis; Tuberculosis and HIV; The Future of Vaccines for Tuberculosis; and Preventing Transmission of M. Tuberculosis. In this issue of Psychiatric Clinics, guest editors Drs. Louis J. Marino, Jr. and George Zubenko bring their considerable expertise to the topic of Geriatric Psychiatry. Top experts in the field cover key topics such as insomnia and sleep disorders in older adults; substance use disorders in the elderly; comorbidity and management of concurrent psychiatric and medical disorders; mood disorders in the elderly; cognitive impairment in the elderly; and more. Contains 13 relevant, practice-oriented topics including psychopharmacology in the elderly: why does age matter?; the impact of SARS-CoV-2 infection and pandemic on mental health and brain function in the elderly; COVID-19: brain effects; epidemiology of psychiatric illness in the elderly; and more. Provides in-depth clinical reviews on current topics in geriatric psychiatry, offering actionable insights for clinical practice. Presents the latest information on this timely, focused topic under the leadership of experienced editors in the field. Authors

synthesize and distill the latest research and practice guidelines to create clinically significant, topic-based reviews. This issue of Endocrinology and Metabolism Clinics, Guest Edited by Dr. Vin Tangpricha, will focus on Transgender Medicine. This issue is one of four issues selected per year by the series Consulting Editor, Adriana Ioachimescu. Topics include, but are not limited to, Epidemiology of Transgender, Etiology of Gender Expression and Identity, Hormone therapy in children and adolescents, Transfeminine Hormone Therapy, Transmasculine Hormone Therapy, Dermatologic Conditions in Transgender persons, Gender Affirming Surgery, Fertility Considerations in Transgender persons, Transgender Medicine in the Military, Transgender Medicine in the Elderly, Mental Health in Transgender Persons, Primary Care in Transgender Persons, Cancer Risk in Transgender Persons, Osteoporosis, HIV in Transgender Persons, and Education Needs of Providers of Transgender Populations. Under the direction of New Consulting Editor, Dr. Kevin Loughlin, Guest Editors Drs. Jim C. Hu and Jonathan Shoag have put together a state-of-the-art monograph on robotics in urologic surgery. Not only do expert authors present current status and advances in this field, but they also look at what the future of robotic urologic surgery will mean for urologists and patients. Clinical review articles are devoted to the following topics: Robotic Ureteral Reconstruction; Robotic Prostatectomy: Technical Modifications that Improve Outcomes; Robotic Radical Cystectomy; Robotic Urology Training; Robotic Prostatectomy Quality Improvements; Robotic Lower Urinary Tract Reconstruction; Incorporating AI into GU Endoscopy; Competing Robotic Systems: A Preview; Robotic Intracorporeal Diversion; Robotic Reconstruction in Pediatric Urology; Robotic Partial Nephrectomy: Update on Techniques; Robotics in Male Infertility; Transperineal Biopsy; Robotic-Assisted Surgery for Upper-Tract TCC; and Retzius-Sparing Robotic Prostatectomy. Urologists will come away with the information they need to stay on top of advances in the area of robotic surgery. Heart failure is the only cardiovascular disease that is increasing. The impact on the critical care environment and the health care system, as a whole, is significant from both a cost and burden to the system perspective. There are 6.5 million hospital days a year and nearly \$40 billion dollars in yearly health care costs attributed to heart failure in the United States. There are more Medicare monies spent for diagnosing and treating heart failure than any other Diagnosis Related Group. There is a 24% hospital re-admission rate for this diagnosis which leads to financial implications for health care systems. The human cost is also significant. Less than half of Americans diagnosed with heart failure survive greater than 5 years. The ongoing health care needs and cost of this chronic disease takes a significant toll on patients' finances, time and quality of life. Over \$2.9 billion dollars is spent annually on the pharmaceutical management of heart failure in the United States. This diagnosis is the leading cause of hospitalization for patients who are 65 years of age and older. Few health care providers in the critical care environment are not affected by heart failure on a routine basis. Caring for these patients and their families is both a challenging and yet a rewarding experience. This edition will provide critical care nurses with a comprehensive heart failure review which is essential in caring for this challenging population given the dynamic health and critical care environments. This issue of Primary Care: Clinics in Office Practice, guest edited by Drs. Vincent Morelli, Roger Zoorob, and Joel J.

Heidelbaugh, is devoted to Primary Care of the Medically Underserved. This outstanding issue includes the following articles: Primary Care Issues in Rural Populations; Primary Care Issues in Inner City America and Internationally; Medical Care for Undocumented Immigrants: National and International Issues; Pediatric and Adolescent Issues in Underserved Populations; Women's Health issues in Underserved Populations; Geriatric Care Issues: American and International Perspectives; Medical Care of the Homeless: An American and International Issue; Cardiovascular Issues in the Underserved; Occupational Health and Sleep Issues in Underserved Populations; Infectious Diseases Issues in Underserved Populations; Cancer in the Underserved; Psychological Issues in Underserved Populations; Substance Abuse Issues Amongst the Underserved: American and International Perspectives; Diet and Obesity Issues in the Underserved; Exercise/Sports Medicine Issues in Underserved Populations; A Global Perspective on Climate Change and Health in Underserved Populations; and International Comparisons in Underserved Health: Issues, Policies, Needs and Projections. This issue of Endocrinology and Metabolism Clinics will cover Obesity. Curated by Dr. Michael D. Jensen, this issue will explore topics in the field that are relevant for practicing clinicians. This issue is one of four selected each year by the series Consulting Editor, Adriana G. Ioachimescu. The volume will include articles on: The role of the environment in the "obesity epidemic, Endoscopic treatments for obesity, Visceral fat, Role of commercial weight loss programs in medical management of obesity, Racial differences in metabolic consequences of fat gain, Sex differences in adipose tissue function, Common and rare complications of bariatric surgery, Strategies for physical activity interventions in the treatment of obesity, Effects of pregnancy on childhood overweight and obesity, Iatrogenic Obesity, Growth hormone and obesity, and Barriers and solutions for prescribing obesity pharmacotherapy. This issue of Neurologic Clinics, edited by Drs. Patrick Y. Wen and Eudocia Quant Lee, will focus on Neuro-oncology. Topics include, but are not limited to, Epidemiology of brain tumors, Molecular pathogenesis of brain tumors, Changes in WHO classification of brain tumors, Neurologic and medical management of brain tumors, Grade 2 and 3 Gliomas, Glioblastoma, Benign brain tumors, Primary CNS lymphoma and neurologic complications of systemic lymphoma, Pediatric brain tumors, Brain metastases, Metastatic complications of cancer, Neurologic complications of radiation therapy, Neurologic complications of systemic anticancer therapies, Neurocognitive complaints in cancer patients, and Paraneoplastic syndromes. This issue of Surgical Pathology Clinics, guest edited by Dr. Raul Gonzalez, will cover key topics in Gastrointestinal Pathology. This issue is one of four selected each year by our series consulting editor, Dr. Jason L. Hornick. Topics discussed in this issue will include: Grossing of Gastrointestinal Specimens: Best Practices and Current Controversies, Subspecialty Signout and Interobserver Variability in Gastrointestinal Pathology, Diagnosis and Management of Gastrointestinal Neuroendocrine Neoplasms, Daily Dilemmas in Pediatric Gastrointestinal Pathology, Upper Gastrointestinal Tract Manifestations of Inflammatory Bowel Disease, Gastric Polyps, Approaches to Biopsy and Resection Specimens of the Ampulla, Updates in Appendix Pathology, HER2 in Colorectal Carcinoma, Histology of Colorectal Carcinoma: Proven and Purported Prognostic Factors, Diagnoses and Difficulties in Mesenteric Pathology, Advances and Annoyances in Anus Pathology, among others. The Guest Editors have

collaborated on a state-of-the-art presentation of current clinical reviews on Quality in Neonatal Care. Top experts have prepared articles in the following areas: Standardizing Practices: How and why to standardize, using checklists, measuring variation; Health Informatics and Patient Safety; Using Statistical Process Control to Drive Improvement in Neonatal Care; Improving Value in Neonatal Intensive Care; Culture and Context in Quality of Care: Improving Teamwork and Resilience; Has Quality Improvement Improved Neonatal Outcomes; National Quality Measures in Perinatal Care; Perinatal and Obstetric Quality Initiatives; Family Involvement in Quality Improvement; Perinatal Quality Improvement: A Global Perspective; Delivery Room Care / Golden Hour; Respiratory Care and Bronchopulmonary Dysplasia; Reducing Incidence of Necrotizing Enterocolitis; Alarm Safety and Alarm Fatigue; and Patient Safety: Reducing Unplanned Extubations. Readers will come away with the clinical information they need improve quality in the NICU. Very focused reviews examine the relevant options in rejuvenating the aging neck. Options in treating the aging neck include non-invasive, minimally invasive, and open surgical approaches. The geometry of the neck, as a simple yet non-hollow cylinder, is examined anatomically and through procedures specific to this unique area. Topical treatments for the aging skin, advances in non-invasive and minimally invasive technologies using various injectables and energy sources, and a range of open procedures that consider all of the internal components of the aging neck are presented. A special Techniques section poses questions to an international group of surgeons who respond with their preferred techniques and approaches and outcomes for such situations as defatting the heavy neck, approach to young versus older neck, use of fibrin glue, and more. Guest Editor Malcolm Paul, who works in academia, private practice, and with technologic companies, leads this review. This issue of Radiologic Clinics of North America focuses on CT Angiography. Articles will include: CT Angiography – A Review and Technical Update; CT Angiography of Thoracic Aorta; CT Angiography of Abdominal Aorta; CT Angiography of the Liver, Spleen, and Pancreas; CT Angiography of the Bowel and Mesentery; CT Angiography of the Renal Circulation; CT Angiography of the Lower Extremities; CT Angiography of the Upper Extremities; Pediatric Considerations in CT Angiography; CT Angiography of the Neurovascular Circulation; Role of MRA in the Era of Modern CT Angiography; CT Angiography for Preoperative Thoracoabdominal Flap Planning; and more! Topics in this clinically focused publication devoted to Cardiac Markers include: Overview of cardiac markers in heart disease; Methodologies for measurement of cardiac markers; Natriuretic peptides in HF and ACS; Troponins and high sensitivity troponins; Point-of-care testing for cardiac markers; ST-2 and galectin 3 in patients with heart failure; Cardiac markers following heart surgery and percutaneous coronary intervention; Cholesterol, lipoproteins, high sensitivity CRP and other risk factors for atherosclerosis; Myocarditis and cardiac transplant and rejection; New molecular genetic tests in the diagnosis of heart disease; Biomarkers for cholesterol balance. Together with Consulting Editor Dr. William Rayburn, Dr. Curtis Lowery has put together a unique issue that discusses the telemedicine in obstetrics and gynecology. Expert authors have contributed clinical review articles on the following topics What is telehealth and what do I need to know about it; Licensing, reimbursement and regulatory issues in the delivery of telemedicine and

connected health; Telemedicine for low-risk obstetrics; Telemedicine In high-risk obstetrics; Telemedicine for gynecology; Telemedicine and Connected Health for GYN oncology; Telemedicine and connected health for contraception; Maternal Health and monitoring devices for obstetrics and gynecology; Telepsychiatry and drug treatment in obstetrics; Telemedicine as a method to reduce perinatal mortality; and Telemedicine and distance learning for OB/GYN provider education. Readers will come away with the information they need to incorporate telemedicine into their care of gynecologic or obstetric patients. Alcohol abuse remains a significant problem world-wide. The most commonly affected organ remains the liver with a risk of alcoholic liver disease (ALD) which can range from asymptomatic to alcoholic hepatitis to alcoholic cirrhosis. In 2010, alcohol-attributable cirrhosis was responsible for 0.9% of all global deaths. Given the sheer magnitude of alcohol abuse and alcoholic liver disease, an update on this topic is pertinent and relevant. This issue will focus on a variety of topics including alcoholism, the pathogenesis of ALD, the spectrum of ALD, the pathology of ALD, and the long-term management of patients with ALD. Alcoholic hepatitis is a particular type of ALD with a high mortality. This issue will explore the syndrome of alcoholic hepatitis, its prognostic markers, and the available therapies. Because alcohol intake can influence so many other conditions of the liver (especially hepatitis C), articles in this issue will also explore the impact of alcohol abuse on other liver conditions. In addition, several other topics such as nutritional therapy for ALD, ALD and liver cancer, and ALD and infection risk will be explored. Also, even though it is quite controversial, we will also explore liver transplant as a therapy for alcoholic liver disease including alcoholic hepatitis. Dr. Cook has compiled a list of articles that will be highly relevant to practicing pediatricians because he organized the issue on issues that are most commonly seen, those that may have confusing assessment and management recommendations, and those that may have some change or advancement in treatment. The issue is focused on 4 major sections: the hip, sports, office pediatric orthopedics, and advances in pediatric orthopedics. Readers will leave with a thorough update on the most common orthopedic clinical challenges that face them in their practice. The Guest Editors have assembled top experts to provide the most current and clinically relevant articles devoted to Birth Asphyxia. Articles in this issue are devoted to: Neonatal Transition After Birth; Pathophysiology of Birth Asphyxia; Perinatal Asphyxia from the Obstetrical Standpoint: Diagnosis and Interventions; Stillbirths: U.S. and Global Perspectives; Novel Approaches to Resuscitation and the Impact on Birth Asphyxia; Multiorgan Dysfunction and its Management After Birth Asphyxia; Neonatal Encephalopathy and Update on Therapeutic Hypothermia and Other Novel Therapeutics; Biomarkers in Neonatal Encephalopathy; Imaging and Other Diagnostics in Neonatal Encephalopathy; Asphyxia in the Premature Infant; The role of the NeoNeuro Unit for Birth Asphyxia; Long-term Cognitive Outcomes of Birth Asphyxia and the Contribution of Identified Perinatal Asphyxia to Cerebral Palsy; Global Burden, Epidemiologic Trends, and Prevention of Intrapartum Related Deaths in Low-resource Settings; and Neonatal Resuscitation in Low-resource Settings. Educational opportunities for pediatric residents and primary care providers that contribute to increased competence in pediatric dermatology are an important component of improving the quality and efficiency of dermatologic care provided to children and



adolescents. The 13 articles that comprise this issue have been selected to capture a significant proportion of the most common skindiseases that are seen in children and adolescents. They are intended to provide practical information on diagnosis and initial management that can be performed by the primary care provider and to provide a framework for allowing for more active involvement by the primary care provider with regards to ongoing management of these conditions. From atopic dermatitis to vitiligo, the pediatric primary care provider is guaranteed to see these conditions in their practice. In this issue of Surgical Oncology Clinics of North America, Guest Editor Mark Krasna and colleagues discuss a wide range of topics devoted to lung cancer. Articles focus on pathology; updated staging systems; epidemiology of lung cancer - smoking, second hand smoke, and genetics; molecular markers for incidence, prognosis, and response to therapy; screening; diagnostic work-up; non-invasive staging techniques; surgical resection; the role of surgery following induction therapy for stage III NSCLC; the role of adjuvant chemotherapy in NSCLC (stages I-III); and much more. This issue of the Heart Failure Clinics, edited by Drs. James Fang and Michael Givertz, is entitled "Advanced Heart Failure" and covers a wide array of topics relating to the subject. The issue will delve into the prevalence, history and prognosis of advanced heart failure; cardiorenal interactions; cardiohepatic interactions; the role of temporary mechanical circulatory support; guided therapy; the role of heart transplantation; palliative care; frailty; and novel biological techniques, among other topics. This issue of Clinics in Chest Medicine, guest-edited by Dr. Aaron B Waxman and Dr. Inderjit Singh, is focused on Pulmonary Hypertension. Topics discussed in this issue include but are not limited to: Integrative omics to characterize and classify pulmonary vascular disease, Contemporary Pharmacotherapeutic Approach in Pulmonary Arterial Hypertension, Personalized Medicine: The Future Management of Pulmonary Hypertension Requires A New Taxonomy, Sex differences in Pulmonary Hypertension and Pulmonary Hypertension in Pregnancy. This issue of Sleep Medicine Clinics, guest-edited by Drs. Rachel Markwald and Anne Germain, focuses on Sleep and Performance. This issue is one of four selected each year by series Consulting Editor, Dr. Teofilo Lee-Chiong. Articles include: Work productivity and sleep issues; Sleep apnea and performance; Sleep and athletic performance: the role of untreated sleep issues in sports; Early detection of sleep disorders in safety critical jobs; Insomnia and performance; Exercise for improving insomnia symptoms: implications on performance; Sleep and athletic performance: sleep and visuomotor performance; Brain stimulation for improving sleep and memory; Prevalence of sleep disorders in students and academic performance; PTSD/TBI, Sleep, and Military Operational Performance; New technology for measuring sleep and assessing sleep disorders: implications for public health and safety; and Use of hypnotic medications on learning and memory consolidation. In consultation with Consulting Editor, Dr. Stephen Krau, Dr. Farrar and Dr. Ellison have created an issue that focuses on evidence-based clinical updates and innovations in various nephrology disorders. Top experts on the topic have contributed reviews on the following topics: Kidney Influence on Fluids and Electrolytes; Renal Diet; Pharmacologic Renal Therapy; Acute Renal Therapy; Chronic Renal Therapy; Innovations in Kidney; Autoimmune Disease; Infection-Related Glomerular Disease; Sclerotic Diseases; Obstructive Renal Diseases; Chronic Renal Complications; Psychosocial Issues and

Life Style Changes for the Renal Patient; and Withdrawal of Treatment (end of life decisions). Authors will come away with the clinical knowledge they need to improve outcomes in the nephrotic patient. This issue of Sleep Medicine Clinics is edited by Dr. Rami Khayat and focuses on Sleep and the Heart. Article topics include: Mechanisms of SDB and respiratory control instability in heart failure; Rehabilitation of cardiovascular disorders and sleep apnea; Device therapy for SDB in patients with CVD and heart failure; Non-mask based therapies for CSA in patients with heart failure; Movement disorders and non- respiratory sleep disorders in patients with CVD; A practical approach to the identification and management of SDB in heart failure patients. Dr. Michael Pinsky has assembled an expert team of authors on the topic of Hemodynamic Monitoring. Articles topics include: The interface between monitoring and physiology at the bedside; Defining goals of resuscitation in the critically ill; Minimally invasive hemodynamic monitoring; Bedside ultrasound for the intensivist; Invasive hemodynamic monitoring; Functional hemodynamic monitoring; Using what you get: dynamic physiological signatures of critical illness; and Effect of organizational issues on resuscitation effectiveness. Surgical Management of Esophageal Disease is reviewed extensively in this important Surgical Clinics of North America issue. Articles include: Approach to Patients with Esophageal Dysphagia; Esophageal Motility Disorders; Achalasia; Esophageal Stricture and Diverticula; Benign Esophageal Masses; Gastroesophageal Disease; Barrett's Esophagus; Preoperative Evaluation of GERD; Surgical Treatment of GERD; Endoscopic Treatment of GERD; Paraesophageal Hernia; Short Esophagus; Reoperative Antireflux Surgery; GERD after Bariatric Procedure; Minimally Invasive Esophagectomy for Benign Esophageal Disease; and more! This issue of Clinics in Plastic Surgery, devoted to Complications in Breast Reduction, is guest edited by Dr. Dennis C. Hammond. Articles in this issue include: Assessing Risk and Avoiding Complications in Breast Reduction; Management of Shape Distortion After Vertical Breast Reduction; Management of Shape Distortion After Wise Pattern Breast Reduction; Management of Shape Distortion After SPAIR Mammoplasty; Management of the Ischemic NAC After Breast Reduction; Nipple Reconstruction After NAC Necrosis Following Breast Reduction; Management of Recurrent Macromastia; Management of Occult Cancer After Breast Reduction; Mammographic Management of the Post-reduction Breast; Management of Asymmetry After Breast Reduction; Management of the High Riding Nipple After Breast Reduction; Breast Reduction in the Burned Breast; Avoiding Complications in Gigantomastia; and Avoiding Medicolegal Risk in Breast Reduction. This issue of Endocrinology and Metabolism Clinics, guest edited by Dr. Constantine A. Stratakis, is devoted to Genetics in Endocrine Disorders. Articles in this issue include: Genetics of Short Stature; Genetics of Diabetes Insipidus; Pituitary Hypoplasia; Pituitary Tumor Genetics and Associated Syndromes; Defects of Thyroid Hormone Synthesis; Molecular Genetics of Thyroid Cancer; Genetics of Hyperparathyroidism Including Parathyroid Cancer; Genetics of Adrenocortical Development and Tumors; Genetics of Congenital Adrenal Hyperplasia; Genetics of Pheochromocytomas and Related Conditions; Genetics of Multiple Endocrine Neoplasia Type 1 and Type 2 Syndromes; Genetics of Hypogonadotropic Hypogonadism and Kallman Syndrome; Disorders of Sex Development; Genetics of Lipodystrophy; and PTEN-Spectrum Disorders.

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