This book is designed to provide a foundation for physicians-in-training and a quick guide to further enhance the skills set of practicing interventionalists. It is a concise reference manual covering the major aspects of clinical scenarios, procedures, and techniques. Non-Vascular Interventional Radiology
Read Online Practical Interventional Radiology Of The Hepatobiliary System And Gastrointestinal Tract

of the Abdomen expertly addresses the planning and execution of commonly encountered procedures, including organ specific biopsies, abscess drainage, urinary interventions, gastrostomy, gastrojejunostomy, and biliary interventions. This book is part of a series of practical manuals on interventional radiology initiated by Professor Graham Whitehouse of the University of Liverpool. Each title covers the more common techniques, written in a didactic style with accompanying high quality illustrations. Rather than duplicate the larger, more general books on interventional radiology, the aim here is to give a personal view of how a number of experienced interventionalists approach each procedure, highlighting such aspects as choice of equipment, pitfalls, complications and troubleshooting. Interventional techniques have replaced conventional surgery in the management of many disorders of the muscles and skeleton, minimising morbidity and the length of stay in hospital. In this book a team of experienced authors from Europe, USA and Australia cover all the interventional techniques used in skeletal radiology. This book will appeal to trainee and practicing radiologists and orthopaedic surgeons faced with the practicalities of performing interventional diagnostic and therapeutic techniques. The introductory section of the book will highlight the unique elements of pediatric practice that are necessary to provide safe patient care. The remainder of the book will discuss all major vascular and non-vascular PIR procedures. The organization will be procedure specific with secondary area classification. The procedural chapters will be organized using a standard format to make it easier for readers to find information. The chapters will contain introductory descriptions of disease processes, indications for intervention, technical information about the procedures and post procedure care. Area specific procedural details will then be discussed. Within each chapter images, illustrations and tables will provide the quick access to the "What You Need to Know" information such as a list of the size/age appropriate equipment that is commonly used to perform procedures. This work provides a reference guide for the practice of interventional radiology. It is organized by organ system and covers all interventional radiology imaging techniques. Each chapter
focuses on diagnostic angiography and differential diagnosis, and then an practical aspects of intervention. The first comprehensive, multi-specialty text on ultrasound guidance in interventional procedures, this book uses the authors extensive clinical experience to provide a full overview of modern interventional ultrasound. For all practitioners, whether new to the procedures or already using them, Interventional Ultrasound offers expert advice and solutions to commonly encountered questions and problems. Special Features: Provides a complete approach to interventional ultrasound, beginning with essential basics on materials, equipment, setup requirements, informed consent issues, microbiologic aspects, and hygiene Covers specific, ultrasound-guided diagnostic and therapeutic interventions in the abdomen, thorax, urogenital tract, musculoskeletal system, thyroid and other sites, including indications, selection of materials and biopsy devices, preparation and detailed, hands-on techniques as well as management of complications Describes key recent advances, such as the use of ultrasound contrast agents in interventional procedures, adapting ultrasound transducers for endoscopic use in biopsies of the thorax and gastrointestinal tract, performing percutaneous biopsy aspiration and drainage with ultrasound, employing sonography in advanced ablative techniques and more Explores such cutting edge topics as symptom-oriented palliative care interventions, applications in critical care medicine and interventions in children Highlights, for the first time, the vital role of assisting personnel in interventional ultrasound procedures Offering easy-to-follow instructions and nearly 600 high-quality illustrations, Interventional Ultrasound takes a practical, cookbook approach ideal for daily use in the hospital or clinic. It is an indispensable reference for interventional radiologists, gastroenterologists, internists, surgeons and other specialists who need to stay up-to-date on the newest technology and applications in this rapidly advancing field. A concise, practical, illustrated guide to current diagnostic and interventional radiologic procedures. The text focuses on the procedural and technical skills required in the practice of interventional radiology. Less emphasis is given to a discussion of the physiology of the venous system and the pathophysiology of disease processes; this
book is essentially a "how-to" manual covering current interventional techniques in major organ systems. Interventional procedures in radiology were first used in the peripheral vasculature and still have their greatest scope and diversity in this area. Techniques include balloons, lasers and mechanical cutters to remove embolisms and strictures. The emphasis in this heavily illustrated new book is strongly didactic. The latest techniques for treating diseases of the peripheral vascular system are presented for use in radiology departments where intervention techniques are being developed, and for trainees wishing to gain detailed knowledge of the subject. The Techniques in Interventional Radiology series of handbooks describes in detail the various interventional radiology procedures and therapies that are in current practice. The series comprises a number of titles, which cover procedures in angioplasty and stenting, transcatheter embolization and therapy, biopsy and drainage, ablation, pediatric interventional radiology and neurointerventional radiology. Each book is laid out in bullet point format, so that the desired information can be located quickly and easily. Interventional radiologists at all stages, from trainees through to specialists, will find this book a valuable asset for their practice. Interventional Radiology Techniques in Ablation is a practical and concise guide to contemporary techniques in image-guided tumor ablation. This handbook is intended to serve as a quick reference for physicians in interventional radiology training as well as a resource for IR technologists, nurses, nurse practitioners and physician assistants. This book provides how-to recommendations and detailed guides for using transradial access in interventional radiology. A relatively new and growing technique, transradial access is most commonly found within interventional cardiology. This book approaches those cardiac uses of transradial access while extending its use to other body sites and disease states. The book details the interventional radiologist’s transition to using transradial access across a broad spectrum of clinical applications, allowing them to better introduce it into their practice and to their patients. The text is divided into three sections: overview, clinical applications, and novel applications and techniques. The first section covers the history of transradial access, the initial patient assessment,
and how to prepare for a procedure. The second section is divided into different diseases and interventional situations where transradial access could be considered, including subclavian artery stenosis and endovascular neurosurgery. The third section includes coverage of how to perform the latest techniques and projections for future procedures. This guide provides a manual of operations to assist in the setup of the practice, from office visit to procedure room to recovery across a variety of service lines and patient populations. Key take home points and equipment summaries accompany each chapter, allowing the user to easily navigate the book to accelerate his or her practice. This is an ideal guide for interventional radiologists. This book is a practical resource for the current applications of interventional radiology in the care of female patients. Divided into seven main sections, the book opens with an introduction to the role of interventional radiology in women's health, discussing such topics as specific concerns relevant to the female patient and safety considerations related to the provision of care. The sections that follow address common clinical problems and conditions unique to women, including uterine fibroids, infertility, pelvic pain, osteoporosis, and varicose veins. A final section describes interventional procedures for treating breast cancer and offers key recommendations for further practice development. Features: Clinical review of each disease entity at the beginning of each section Detailed discussion of specific procedures with descriptions of indications, evaluation, techniques, and possible complications Insights from leading specialists in such fields as obstetrics and gynecology, internal medicine, and orthopedics presented in Clinical Perspective chapters An indispensable reference for interventional radiologists, this book will also be valuable for all physicians involved in the care of women, including obstetricians and gynecologists. In summary, the book is a well organized and informative resource for medical professionals of all levels. Academic Radiology In conclusion, the book is a useful guide for the gynecologist, the internist, and the orthopedist, among others, called to decide on the best diagnostic and therapeutic course for the patients coming to their observation, each one presenting with different clinical findings. --Clinical Imaging A Valuable addition to
the departmental or personal libraries of those offering an interventional service to women.--RAD

Magazine

The Practice of Interventional Radiology, by Dr. Karim Valji, presents a comprehensive approach to help you master the latest techniques. With coverage of neurointerventional procedures, image-guided non-vascular and vascular procedures, and interventional oncologic procedures, you'll have everything you need to offer more patients a safer alternative to open surgery. This text aims to give trainee radiologists a sound understanding of concepts and their applications in relation to practical experience. The book shows how the equipment can be used for all the principal interventions, and highlights some of the ethical issues.

The Techniques in Interventional Radiology series of handbooks describes in detail the various interventional radiology procedures and therapies that are in current practice. The series comprises four titles, which in turn cover procedures in angioplasty and stenting, transcatheter embolization and therapy, biopsy and drainage and ablation. Forthcoming are volumes on pediatric interventional radiology and neurointerventional radiology. Each book is laid out in bullet point format, so that the desired information can be located quickly and easily. Interventional radiologists at all stages, from trainees through to specialists, will find this book a valuable asset for their practice.

Interventional Radiology Procedures in Biopsy and Drainage presents the full array of operations using these techniques. The book is split into two sections – one dedicated to biopsy procedures and the other to drainage procedures. Dr. Debra Gervais is Director of Pediatric Imaging and Associate Director of Abdominal Imaging and Intervention at Massachusetts General Hospital, Boston, Massachusetts, USA. Dr. Tarun Sabharwal is a Consultant Interventional Radiologist at Guy’s and St Thomas’ Hospital, London, UK. Interventional radiology plays an increasingly significant role in the clinical management of patients with cancer, replacing more invasive traditional methods and making it possible to deal with previously untreatable conditions. This state-of-the-art book describes the techniques currently used by interventional radiologists in the treatment and palliation of a variety of malignant conditions. Throughout, the emphasis is on practical issues. Every chapter has been written by a world expert in
the topic concerned. This book will serve as an authoritative source of information and will be invaluable to those using interventional radiological techniques in the treatment of patients with malignant disease. This is an up-to-date guide to interventional techniques in the hepatobiliary system and gastrointestinal tract. Practicing interventional radiologists seeking to improve their technique in this area will find it invaluable. It is illustrated with a large number of line diagrams as well as relevant radiographs. The contributors have been selected not only for their eminence in this field, but also because they are all practicing and enthusiastic interventional radiologists with a deep understanding of the instruments and techniques they employ. Each chapter is divided into four sections dealing with intervention in the bile ducts and gall bladder, percutaneous biopsy and abscess drainage, oesophageal and gastrointestinal intervention, and angiographic intervention. The authors have given emphasis to practical issues of technique and equipment, complications and their avoidance. Despite the fact that Interventional Radiology is steadily moving toward a clinical specialty with the need for broad medical training, daily craftsmanship will always remain fundamental to what an interventional radiologist does. Without basic catheter and wire skills IR would not be what it is today. When I watch experienced colleagues work I am always surprised to see that, concerning the technique and the materials, we all make the same choices. There is apparently a common IR skill, which is universal and can be learned with experience. I always see this with new IR fellows, that it takes time to step away from improvising and letting the procedure take the lead to logic and standardized control over a procedure. Choosing the right materials for the right job and building a level of confidence with these materials is a very important part of any IR fellowship. Why can a supervisor get a stable catheter position with a new wire in no time, whereas the fellow almost gives up? The difference is knowing your materials for this specific indication and combining routine and standardized operational procedures. Hands-on workshops are always very popular at every IR meeting because one can really learn about basic skills. Lectures with the title “How I do it,” can always count on a full audience.
disease is a common condition, with a prevalence as high as 50% in industrialized countries worldwide. Of those, about 20-25% of women and 10-15% of men have visible varicose veins. Varicose vein treatment has become an increasingly multidisciplinary field, and one that has seen cutting-edge advances and significant growth. Felipe B. Collares, Salomao Faintuch, and a team of venous disease experts have compiled, Varicose Veins, a concise book that covers the full range of interventional procedures for venous insufficiency. Following introductory chapters on anatomy and pathophysiology, the authors guide readers through the clinical exam, imaging, compression therapy, and various minimally invasive techniques. Highly practical and an affordable alternative to larger published tomes. Key Highlights Step-by-step guide on core venous interventions - from compression therapy to sclerotherapy - ambulatory phlebectomy to endovascular ablation Illustrations delineate anatomy and specific treatment modalities Clinical pearls on patient safety and preventing complications Discussion of emerging endovascular approaches that do not require administration of tumescent anesthesia This handy resource is a must-have for trainees and veteran physicians. The practical and focused layout provides a well-rounded reference for all specialists who perform varicose vein procedures - interventional radiologists, vascular surgeons, phlebologists, cardiologists, and dermatologists. Interventional radiology plays an increasingly significant role in the clinical management of patients with cancer, replacing more invasive traditional methods and making it possible to deal with previously untreatable conditions. This state-of-the-art book describes the techniques currently used by interventional radiologists in the treatment and palliation of a variety of malignant conditions. Throughout, the emphasis is on practical issues. Every chapter has been written by a world expert in the topic concerned. This book will serve as an authoritative source of information and will be invaluable to those using interventional radiological techniques in the treatment of patients with malignant disease. Now designated as a primary medical specialty, the field of interventional radiology has contributed many ground-breaking procedures, including angioplasty, catheter-delivered stents,
aneurysm coiling, and minimally-invasive cancer treatment. This first-of-its-kind review text offers an authoritative, easy-to-use introduction to the field, highlighting procedures, instruments, techniques, modalities, and more. Using an image-filled, practical format it covers exactly what you need to know for a solid foundation in this fast-growing field. Employs a case-based approach with a consistent chapter format to provide a clear, practical review of each topic. Each case-based chapter includes an Overview of the procedure and disease process, Indications and Contraindications of the procedure, standard Equipment used, a review of relevant Anatomy, detailed Procedural Steps, as well as Treatment Alternatives and common Complications. Reviews the skillful use of X-rays, CT, ultrasound, MRI, and other imaging methods to direct interventional procedures. Uses brief, bulleted text and more than 350 images to help you quickly grasp the fundamental information you need to know. Includes Take Home Points, Clinical Applications, Key Facts, Key Definitions, and Literature Reviews. Features case-based chapters on vascular and non-vascular procedures, as well as Grand Rounds Topics such as anatomy, surgery, interventional oncology, pediatrics, and more. Helps ensure mastery of the material with additional online content, bonus images, videos, and Q&A that provide effective chapter review and quick practice for your exams. Offers quick review and instruction for medical students, residents, fellows, and related medical professionals working in the IR area, such as nurse practitioners and physician assistants. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access the full text, figures, and references from the book on a variety of devices. Interventional Radiology is a comprehensive guide suitable for all levels of knowledge, from medical students, nurses and radiographers to young and aspiring interventional trainees and junior consultants wishing to improve their understanding of the techniques or pursue a career in interventional radiology. The text covers knowledge of key equipment and drugs used in routine interventional practice and explains the fundamental skills which form the bedrock of virtually all interventional techniques. The handbook gives practical and detailed accounts of how to carry out
interventional procedures from the most simple, such as biopsies and drainages, to the most complex, like TIPPS and stentgrafts, in a step-by-step fashion. Interventional Radiology is written by a host of highly experienced interventionists considered experts in their fields. The book imparts many tricks and tips learned through many years of experience of triumph and disasters of carrying out intervention. The handbook forms a companion which acts like an expert opinion, immediately available when planning and carrying out interventional procedures. Interventional Oncology is a concise, practical guide to state-of-the-art, image-guided procedures that are among the most innovative and effective cancer treatment options available today. Each chapter is presented in a similar format that includes indications, contraindications, patient selection, pre-procedure workup, technique, post procedure management, and clinical data. This book is the perfect high-yield manual for practitioners to consult before seeing oncology patients, as well as for intra and post-procedure management. Key Features: High-quality color illustrations and multi-modality clinical images Covers all the latest interventional oncology procedures Chapter authors are leading authorities in the field Tips and pearls at the end of each chapter and a comprehensive set of references This book is an excellent clinical guide for seasoned interventional radiologists as well as trainees in interventional oncology to consult on a day-to-day basis. Interventional Oncology is a fast-growing new field, as well as an emerging specialty. Many minimally-invasive, imaging-guided procedures seem set to replace more traditional open surgical techniques of treating solid tumors in a variety of organs. The aim of this book is to describe new interventional radiological methods in a succinct and practical form. Diagnostic radiological considerations relevant to the selection and follow-up of patients are also covered. The book begins with an overview of the basic principles of current interventional techniques, including thermal ablation, high intensity focused ultrasound, and embolization. Later chapters focus on tumors of the liver, kidney, lung, and bone, placing new interventional techniques in context by referring to the surgical and oncologic methods of treating the same conditions. With an emphasis on best practices, Interventional...
Oncology: A Practical Guide for the Interventional Radiologist will serve as a definitive guide to practicing physicians involved in this rapidly evolving field. This practical guide to the equipment and techniques of everyday interventional radiology explains each procedure in a logical, step-by-step fashion with clear advice on how to ensure a successful outcome. Modern techniques in 'keyhole surgery' allow radiologists to introduce catheters and other micro-instruments into the body's cavities in order to perform quantitative measurements, biopsies, and therapeutic procedures such as stone removal and abscess drainage. Such techniques are being used increasingly frequently in operations on the genitourinary tract, enabling the minimally invasive and cost-effective removal of stone of the kidney and bladder. The contributors to this book have all developed expertise in a specific field of uroradiological investigation and diagnosis. Each chapter is a personal portrayal of the author's extensive experience, rather than an exhaustive review of the existing literature. Included are details of the equipment used as well as descriptions of the use of lasers in the urinary tract - a field that is rapidly developing and is set to further enhance the use of minimally invasive techniques. Methods of diagnosis that involve physiological measurements are discussed, as are the commonly seen endoprostheses that are inserted into the urinary tract. The emphasis in this book is strongly didactic, presenting the latest techniques for both radiology departments wishing to develop interventional techniques, and trainees wishing to gain detailed knowledge of the subject. Get the essential tools you need to make an accurate diagnosis with Vascular and Interventional Radiology: The Requisites! This bestselling volume delivers the conceptual, factual, and interpretive information you need for effective clinical practice in vascular and interventional radiology, as well certification and recertification review. Master core knowledge the easy and affordable way with clear, concise text enhanced by at-a-glance illustrations, boxes, and tables - all completely rewritten to bring you up to date with today's state of the art in vascular and interventional radiology. Understand the basics with a comprehensive yet manageable review of the principles and practice of vascular and interventional radiology. Whether
you’re a resident preparing for exams or a practitioner needing a quick-consult source of information, Vascular and Interventional Radiology is your guide to the field. Interventional radiology has seen a dramatic increase in the number of minimally invasive therapies performed. Interventional radiology treatments now play a major role in many disease processes and continues to grow with new procedures added to the armamentarium of the interventional radiologist, almost on a yearly basis. There are many textbooks which are disease specific, which incorporate interventional radiology techniques. These books are important to understand the natural history, epidemiology, pathophysiology and diagnosis of disease processes. However, a detailed handbook that describes the technique of performing the various interventional radiology procedures is a useful addition to have in the Cath Lab, where information can be accessed easily before, during or even after a case. This technique-specific book is primarily of benefit to those in training in general radiology and more specifically for Residents and Fellows who are training in interventional radiology and who may be taking subspeciality certificate examinations in interventional radiology. In addition, this book will be of help to most practicing interventional radiologists, be they be in academic or private practice. This is the kind of book that can be left in the interventional lab and will be of benefit to ancillary staff, such as technicians/radiographers or nurses who are specialising in the care of patients referred to interventional radiology. This volume on neurointervention will enhance the series by expounding on the specific techniques required when working on conditions of the head, neck and spine. The introductory section of the book will highlight the unique elements of pediatric practice that are necessary to provide safe patient care. The remainder of the book will discuss all major vascular and non-vascular PIR procedures. The organization will be procedure specific with secondary area classification. The procedural chapters will be organized using a standard format to make it easier for readers to find information. The chapters will contain introductory descriptions of disease processes, indications for intervention, technical information about the procedures and post procedure care. Area specific
procedural details will then be discussed. Within each chapter images, illustrations and tables will provide the quick access to the "What You Need to Know" information such as a list of the size/age appropriate equipment that is commonly used to perform procedures.Excel at clinical IR with insightful perspectives from both current residents and senior interventionalists! Interventional radiology training has evolved rapidly during the last decade, with recent recognition as a primary medical specialty by the American Board of Medical Specialties. The number of IR residency positions continues to increase each year with a greater number of trainees rotating through the IR elective. The bar is set high and expectations of trainees have increased. Written clearly, concisely, and at a trainee's level, Pocketbook of Clinical IR: A Concise Guide to Interventional Radiology by Shantanu Warhadpande, Alex Lionberg, and Kyle Cooper is the first IR pocketbook written specifically for medical students and junior residents to help them excel on their IR rotation. This book will help trainees to intelligently field IR consults, effectively round on patients, and develop an understanding of IR disease processes. Concise yet thorough, it provides a solid clinical foundation to underlying pathologies and procedures, and embodies the authors' philosophy that the IR education paradigm should be transformed into one in which the clinical care of patients is of equal importance to technical procedural training. Key Features Clinical background on hepatobiliary, oncologic, arterial, venous, genitourinary, and neurologic diseases frequently encountered in IR Insightful clinical algorithms provide guidance on how the IR procedure fits into the big picture Concise procedure boxes provide an overview of how the procedure is performed so the trainee can be an active participant in any IR procedure This practical white-coat companion is essential for all trainees involved with interventional radiology. This book includes complimentary access to a digital copy on https://medone.thieme.com.Written by a team of distinguished contributors involved in training programs, this new book offers a thorough and complete overview of the most important aspects of vascular and interventional radiology for residents and fellows. You'll get all anatomic, procedural, and clinical information, including proper techniques,
outcomes, and complication avoidance. Hundreds of line drawings, tables, radiographs, and CT scans illustrate key points and clarify difficult concepts. The book begins with an introduction to general procedures and imaging, and then provides an analysis of the most effective diagnosis and management strategies. Dozens of case studies, including pulmonary and bronchial circulation, venous diseases, liver and spleen disorders, angiography, and more, clarify all concepts. Key features: Nearly 600 high-quality drawings and radiographs—more than one per page! Valuable information on detecting and avoiding complications, from procedural and long-term problems to infections. Succinct enough to be read in a one- or two-month resident rotation. References are limited to only relevant, state-of-the-art listings. Here is an invaluable guide and study tool for residents and fellows, as well as for experienced radiologists using it as a daily reference. The Techniques in Interventional Radiology series of handbooks describes in detail the various interventional radiology procedures and therapies that are in current practice. The series comprises four titles, which in turn cover procedures in angioplasty and stenting, transcatheter embolization and therapy, biopsy and drainage, and ablation. Forthcoming are volumes on pediatric interventional radiology and neurointerventional radiology. Each book is laid out in bullet point format, so that the desired information can be located quickly and easily. Interventional radiologists at all stages, from trainees through to specialists, will find this book a valuable asset for their practice. Interventional Radiology Procedures in Biopsy and Drainage presents the full array of operations using these techniques. The book is split into two sections—one dedicated to biopsy procedures and the other to drainage procedures. Dr. Debra Gervais is Director of Pediatric Imaging and Associate Director of Abdominal Imaging and Intervention at Massachusetts General Hospital, Boston, Massachusetts, USA. Dr. Tarun Sabharwal is a Consultant Interventional Radiologist at Guy’s and St Thomas’ Hospital, London, UK. In 2012, the American Board of Medical Specialties (ABMS) approved Interventional Radiology (IR) as its own specialty. Born out of the field of Diagnostic Radiology, IR requires a more clinical focus on initial consultation and post-procedural management.
rather than its previous role of performing image-guided procedures. Interventional Radiology: Fundamentals of Clinical Practice is written with this new focus in mind to help readers incorporate their procedural knowledge into a holistic approach of patient management. Chapters explore topics across a broad spectrum of IR, with a focus on etiology and pathophysiology of disease, followed by discussions on intra-procedural and post-procedural management. Numerous tables and boxes, and over 420 total figures complement chapter content. This comprehensive text is a must-have text for IR residents and reference for all practicing interventional radiologists. Provides a comprehensive, yet manageable review of the principles and practice of vascular and interventional radiology, with a wealth of practice-proven tips and expert advice to help master a full range of procedures, both basic and advanced. It covers vascular and interventional radiology procedures for the lower extremity and pelvis, the abdomen, the thorax, the great vessel, the biliary tract, the genitourinary and reproductive tract, the gastrointestinal tract and the thorax, and delivers in-dept discussions of such "hot" techniques as 3-D imaging with MRA/CTA, stent-grafts, saphenous vein ablation and others. Illustrated with over 1,300 multi-modality images. Employs a case-based approach with a consistent chapter format to provide a clear, practical review of each topic. Each case-based chapter includes an Overview of the procedure and disease process, Indications and Contraindications of the procedure, standard Equipment used, a review of relevant Anatomy, detailed Procedural Steps, as well as Treatment Alternatives and common Complications. Reviews the skillful use of X-rays, CT, ultrasound, MRI, and other imaging methods to direct interventional procedures. Uses brief, bulleted text and more than 350 images to help you quickly grasp the fundamental information you need to know. Includes Take Home Points, Clinical Applications, Key Facts, Key Definitions, and Literature Reviews. Features case-based chapters on vascular and non-vascular procedures, as well as Grand Rounds Topics such as anatomy, surgery, interventional oncology, pediatrics, and more. Offers quick review and instruction for medical students, residents, fellows, and related medical professionals working in the IR area, such as nurse practitioners and
physician assistants.

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