



This practical guide is a compendium of contemporary views on the development, treatment, and prevention of urinary stone disease. Emphasis is placed on utilizing current research to highlight areas of potential discovery and inspire novel approaches to easing the burden of urinary stone disease.

Urolithiasis is not only one of the most frequently encountered diseases at urological clinics; it is also the disorder whose treatment has shown the most rapid progress in the past decade. In that period, medicine has experienced a real revolution, characterized by minimally invasive treatments, improvement of the quality of life, and cost-effectiveness in treatment outcomes. In urology, the revolution started with the development of endoscopic retrograde treatment of urolithiasis in the upper urinary tract, which led to development of the percutaneous antegrade maneuver in the latter half of the 1970s. The most remarkable event occurred in 1982, when clinical use of extracorporeal shock wave lithotripsy was introduced by the Munich group, represented by Dr. Christian Chaussy, at the 18th Congress of the International Society of Urology in San Francisco. With the advent of these new strategies, open surgery for urolithiasis has all but disappeared. Today, with the availability of new technology and equipment, guidelines for the treatment of urolithiasis have changed in all developed countries. It is quite timely that the Meeting of International Consultation on Urolithiasis will be held in Paris in June 2001 to establish international guidelines for urolithiasis. Looking through this textbook for urolithiasis, I was greatly impressed to learn that we have already drawn up some guidelines. The book includes all the updated advances of urolithiasis presented by the most prominent and experienced urologists from all around the world.

A didactic, illustrated guide to the use of ultrasound as a diagnostic tool in clinical practice. Prepared by an international group of experts with wide experience in both developed and developing countries, the manual responds to the need for a basic reference text that can help doctors, sonographers, nurses, and midwives solve imaging problems when no experts are available. With this need in mind, the manual adopts a practical approach aimed at providing a thorough grounding in both the techniques of ultrasound and the interpretation of images. The need for extensive supervised training is repeatedly emphasized. Because the clinical value of ultrasound depends so greatly on the experience and skill of the operator, the manual makes a special effort to alert readers to common pitfalls and errors, and to indicate specific clinical situations where ultrasound may not be helpful or reliable as a diagnostic tool. Explanatory text is supported by numerous practical tips, warnings, checklists and over 600 illustrations. The opening chapters explain how ultrasound works, outline the factors to consider when choosing a scanner, and introduce the basic rules of scanning, including advice on how to recognize and interpret artefacts. Guidance on the selection of ultrasound equipment includes clear advice concerning where costs can be spared and where investment is essential. The core of the manual consists of seventeen chapters providing guidance on scanning techniques and the interpretation of images for specific organs and anatomical sites, with the most extensive chapter devoted to obstetrics. Each chapter contains illustrated information on indications for scanning, preparation of the patient, including choice of transducer and setting of the correct gain, general scanning techniques, and specific techniques for identifying anatomical landmarks and recognizing abnormalities. The manual concludes with WHO specifications for a general-purpose scanner judged entirely suitable for 90-95% of the most common ultrasound examinations.

This concise clinical companion to the thirteenth edition of Brunner and Suddarth's Textbook of Medical-Surgical Nursing presents nearly 200 diseases and disorders in alphabetical format, allowing rapid access to need-to-know information on the most common clinical problems nurses are likely to encounter. The content is completely cross-referenced to the main text. Pages are tabbed alphabetically for speedy reference.

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