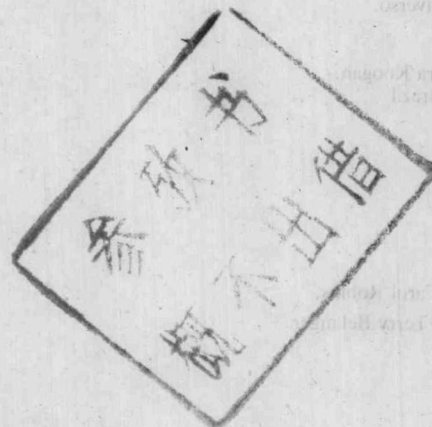


Sixth Edition

CAMPBELL'S UROLOGY



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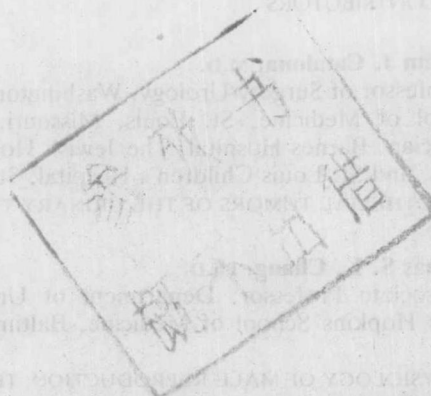
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PHYSIOLOGY OF MALE REPRODUCTION: THE TESTIS,
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PHYSIOLOGY OF MALE REPRODUCTION:
HYPOTHALAMIC-PITUITARY FUNCTION

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TRACT: ANATOMY OF THE LOWER URINARY TRACT

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THE ADRENALS

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SUPRAPUBIC AND RETROPUBIC PROSTATECTOMY
RADICAL RETROPUBIC PROSTATECTOMY

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PHYSIOLOGY AND PHARMACOLOGY OF THE RENAL
PELVIS AND URETER

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SURGERY OF THE SEMINAL VESICLES

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EMBRYOLOGY OF THE GENITAL TRACT
DISORDERS OF SEXUAL DIFFERENTIATION

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NEONATAL AND PERINATAL EMERGENCIES
PRUNE-BELLY SYNDROME

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EVALUATION AND MEDICAL MANAGEMENT OF
URINARY INCONTINENCE

PREFACE

In the six years that have elapsed since the last edition was published, the field of urology has undergone a major transformation. Today, advances in basic science, pharmacology, diagnostic imaging, instrumentation, and surgical technique have expanded the field and added to the complexity of patient management. In response to these changes, the Sixth Edition of *Campbell's Urology* has been expanded and rewritten. The authors of each chapter were challenged to take a scholarly, encyclopedic approach to each topic rather than provide merely a personal viewpoint. In doing so, we hope to maintain the reputation of this book as "the bible of urology." Also, to keep pace with these rapid advances in the future, an "Update" series is planned. These Updates will complement *Campbell's Urology* and will cover the latest advances in urology. This will enable the reader to maintain a contemporary grasp of the field until the next edition is published.

More than half of the three-volume Sixth Edition is new, with 22 new chapters and 27 new contributors. To provide a completely fresh approach to all topics, there are two new editors: Dr. Alan B. Retik, Professor and Chairman of Pediatric Urology, Boston Children's Hospital and Harvard Medical School; and Dr. E. Darracott Vaughan, Jr., Professor and Chairman of Urology, Cornell Medical Center, The New York Hospital.

The Sixth Edition begins with a new chapter, "Surgical Anatomy of the Genitourinary Tract," complete with full-page color illustrations of the gross anatomy correlated with cross-sections of whole body tomography. The topic of renal physiology has been expanded by the addition of two new chapters: "Renal Endocrinology" and "Renal Function in the Fetus and Neonate." Recognizing the importance of office ultrasound procedures, we have added a new chapter, "Urologic Ultrasonography." The coverage of male sexual dysfunction has been expanded by the development of two new chapters: "Physiology of Erection and Pathophysiology of Impotence" and "Diagnosis and Therapy of Erectile Dysfunction." These two chapters complement one another and provide a comprehensive approach to the understanding of male sexual dysfunction, its pathophysiology, and its management. Similarly, because of increased interest in female urology, we have also added two new chapters: "Evaluation and Medical Management of Urinary Incontinence" and "Female Urology."

The section on pediatric urology has been expanded to include "Prenatal and Postnatal Diagnosis and Management of Congenital Abnormalities," "Posterior Urethral Valves and Other Urethral Anomalies," "Congenital Anomalies of the Genitalia," and "Surgery of the Scrotum and Testis in Childhood." The topic of renal calculus disease and related disorders is described in separate chapters: "Extracorporeal Shock Wave Lithotripsy," "Percutaneous Management," "Ureteroscopy," and "Endosurgical Techniques for the Diagnosis and Treatment of Noncalculous Disease of the Ureter and Kidney."

Recognizing the expanded role of reconstruction of the lower urinary tract in urology, we have created three new complementary chapters: "Use of Intestinal Segments in the Urinary Tract: Basic Principles"; "Augmentation Cystoplasty Implantation of Artificial Sphincter in Men and Women and Reconstruction of the Dysfunctional Urinary Tract"; and "Urinary Diversion," with a major emphasis on continent urinary diversion. In addition, we have added new chapters on laser surgery and the surgery of male infertility.

We wish to thank the editors and authors of prior editions, since this new edition has been built upon the solid foundation they laid. Our gratitude is greatest for the contingent of contributing authors who collectively represent the best scientists and clinicians associated with the field of urology. A work of this scope and magnitude cannot be accomplished without the assistance of a great number of persons whose effort may not be specifically attributed within this book. Specifically, we wish to express our thanks to Martin J. Wonsiewicz, William J. Lamsback, Rosanne Hallowell, Carolyn Naylor, Carol Robins, Mary Anne Folcher, Walter Verbitski, Maureen Sweeney, and the staff of the W. B. Saunders Company for their patience and help in bringing this ambitious undertaking to publication.

PATRICK C. WALSH

For the Editors

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