THE HANDBOOK OF **ENDOCRINE SURGERY**

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THE HANDBOOK OF ENDOCRINE SURGERY

Rebecca S. Sippel
Herbert Chen

University of Wisconsin School of Medicine and Public Health, USA

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*We dedicate this book to our endocrine
surgery mentors*

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Contributors

Mohamed O. Abdelgadir Adam, MD

Resident in Surgery
Department of Surgery
Duke University
DUMC 2945
Durham, NC 27710, USA

Joel T. Adler, MD

Resident, General Surgery
Massachusetts General Hospital
55 Fruit Street, GRB-425
Boston, MA 02114, USA

Peter Angelos, MD, PHD, FACS

Professor and Chief of Endocrine Surgery
University of Chicago
5841 S. Maryland Ave, MC 4052
Chicago, IL 60637, USA

Adam S. Brinkman, MD

Surgical Resident
University of Wisconsin School of Medicine and Public Health
600 Highland Avenue
Madison, WI 53792, USA

Denise Carneiro-Pla, MD, FACS

Assistant Professor of Surgery/Endocrine Surgery
Department of Surgery
Medical University of South Carolina
25 Courtenay Dr., Suite 7018
Charleston, SC 29425, USA

Sally E. Carty, MD

Professor of Surgery
University of Pittsburgh
3471 Fifth Ave., Suite 101
Kaufmann Bldg.
Pittsburgh, PA 15213, USA

Herbert Chen, MD, FACS

Professor, Chairman of General Surgery
University of Wisconsin School of Medicine and Public Health
K3/703, Clinical Science Center
600 Highland Avenue
Madison, WI 53705, USA

Jui-Yu Chen, MD

Attending Physician and Instructor
National Yang-Ming University
Department of Surgery, Division of General Surgery
Taipei Veterans General Hospital
No. 201, Sec. 2, Shipai Rd., Beitou District
Taipei City, Taiwan 11217, R.O.C.

Clifford S. Cho, MD

Assistant Professor
University of Wisconsin School of Medicine and Public Health
K4/752, Clinical Science Center
600 Highland Avenue
Madison, WI 53792, USA

Mark S. Cohen, MD, FACS

Associate Professor of Surgery and Pharmacology

Toxicology and Therapeutics

Chief of Endocrine Surgery, Vice Chair for Research and Director

Surgical Simulation and Skills Laboratory

University of Kansas Medical Center

3901 Rainbow Boulevard

Mailstop 2005, Room 4008 Murphy Building

Kansas City, KS 66160, USA

Gerard M. Doherty, MD

Norman W. Thompson Professor of Surgery

University of Michigan Medical School

University of Michigan Hospital

1500 East Medical Center Drive

Taubman Center 2920B

Ann Arbor, MI 48109-0331, USA

Quan-Yang Duh, MD

Professor of Surgery

University of California, San Francisco and

VA Medical Center, San Francisco

4150 Clement Street

San Francisco, CA 94121, USA

Beth S. Edeiken-Monroe, MD

Professor

MD Anderson Cancer Center

1500 Holcombe Blvd.

Houston, TX 77030, USA

Dina M. Elaraj, MD, FACS

Assistant Professor

Section of Endocrine Surgery

Department of Surgery

Northwestern University

676 North St. Clair Street, Suite 650

Chicago, IL 60611, USA

Douglas B. Evans, MD

Chairman, Department of Surgery
Donald C. Ausman Family Foundation Professor of Surgery
Medical College of Wisconsin
9200 W. Wisconsin Avenue
Milwaukee, WI 53226, USA

Thomas J. Fahey III, MD, FACS

Professor of Surgery
Weill Cornell Medical College
525 East 68th Street, Room A-1027
New York, NY 10021, USA

Paul G. Gauger, MD

William J. Fry Professor of Surgery
University of Michigan Medical School
University of Michigan Hospital
1500 East Medical Center Drive
Taubman Center 2920D
Ann Arbor, MI 48109-0331, USA

Rachel Adams Greenup, MD, MPH

Chief Resident, General Surgery
Medical College of Wisconsin
9200 W. Wisconsin Avenue
Milwaukee, WI 53226, USA

Elizabeth G. Grubbs, MD

Assistant Professor
MD Anderson Cancer Center
1400 Hermann Pressler Drive, Unit 1484
Houston, TX 77030, USA

Marlon A. Guerrero, MD

Assistant Professor
University of Arizona
Arizona Health Science Center
1501 N. Campbell Ave.
Tucson, AZ 85724-5131, USA

Avital Harari, MD

Assistant Professor of Surgery
University of California, Los Angeles
10833 Le Conte Ave, Suite 72-232 CHS
Los Angeles, CA 90095, USA

Katherine Heiden, MD

Assistant Professor of Surgery
Rush University Medical Center
1725 W. Harrison, Suite 818
Chicago, IL 60612, USA

Thomas W. T. Ho, MD

Resident-Surgical Oncology
Department of Surgery/North Tower
University of Calgary
1403 29th Street NW, Calgary
Alberta, Canada T2N2T9

Shelby Holt, MD

Associate Professor of Surgery
University of Texas Southwestern Medical Center
5323 Harry Hines Boulevard
Dallas, TX 75390-9156, USA

David T. Hughes, MD

Assistant Professor of Surgery
Albert Einstein College of Medicine
Montefiore Medical Center
1400 Bainbridge Ave.
Bronx, NY 10467, USA

N. Gopalakrishna Iyer, MBBS, PHD, FRCS

Consultant Head and Neck Surgeon
National Cancer Centre Singapore
11 Hospital Drive, Singapore 169610

Electron Kebebew, MD, FACS

Head Endocrine Oncology, Senior Investigator
National Cancer Institute
10 Center Drive
Bethesda, MD 20892-1201, USA

Xavier M. Keutgen, MD

Surgery Resident
Weill Cornell Medical College
525 East 68th Street, Room A-1027
New York, NY 10021, USA

E. Edmund Kim, MD

Professor
MD Anderson Cancer Center
1515 Holcombe Blvd.
Houston, TX 77030, USA

Geeta Lal, MD

Assistant Professor
University of Iowa Hospitals and Clinics
200 Hawkins Drive, 4641 JCP
Iowa City, IA 52242, USA

Christine S. Landry, MD

Surgical Oncology Fellow
MD Anderson Cancer Center
1400 Hermann Pressler Drive, Unit 1484
Houston, TX 77030, USA

Chen-Hsen Lee, MD, FACS

Dean of Medicine, Professor, School of Medicine
National Yang-Ming University
Department of Surgery, Division of General Surgery
Taipei Veterans General Hospital
No. 201, Sec. 2, Shipai Rd., Beitou District
Taipei City, Taiwan 11217, R.O.C.

James A. Lee, MD

Chief of Endocrine Surgery
New York Presbyterian Hospital-Columbia University
Columbia University Medical Center
Herbert Irving Pavilion Room 819
161 Fort Washington Avenue
New York, NY 10032, USA

Daniel Levin, MD

Surgical Resident
University of Rochester Medical Center
601 Elmwood Ave, BOX SURG
Rochester, NY 14642, USA

John I. Lew, MD

Assistant Professor of Surgery
University of Miami School of Medicine
1120 NW 14th Street (M875)
Miami, FL 33136, USA

Steven K. Libutti, MD, FACS

Vice Chairman of Surgery
Albert Einstein College of Medicine and Montefiore Medical Center
3400 Bainbridge Ave, MAP4
Bronx, NY 10467, USA

Jason Long, MD

Resident in Surgery
University of Chicago
5841 S. Maryland Ave, MC 4052
Chicago, IL 60637, USA

Carrie C. Lubitz, MD

Instructor in Surgery
Harvard Medical School
Massachusetts General Hospital
55 Fruit Street, Yawkey 7B
Boston, MA 02114, USA

Jennifer McAllaster, MD

Chief Resident, Department of Surgery
University of Kansas Medical Center
3901 Rainbow Boulevard
Mailstop 2005, Room 4008 Murphy Building
Kansas City, KS 66160, USA

Christopher R. McHenry, MD

Vice Chairman, Department of Surgery
MetroHealth Medical Center
Case Western Reserve University
2500 MetroHealth Drive
Cleveland, OH 44109-1998, USA

Adrienne L. Melck, MD, MPH

Clinical Instructor in Surgery
University of British Columbia
Rm. C303 – 1081 Burrard Street
St. Paul's Hospital Department of Surgery
Vancouver, BC, V6Z 1Y6, Canada

Goswin Y. Meyer-Rochow, MB, CHB, FRACS, PhD

Waikato Clinical School
University of Auckland
Waikato Hospital
Private Bag 3200
Hamilton 3240, New Zealand

Mira Milas, MD

Associate Professor of Surgery
Cleveland Clinic
9500 Euclid Ave
Endocrine Surgery F20
Cleveland, OH 44195, USA

Elliot J. Mitmaker, MD, MSC, FRCSC

Endocrine Surgery Fellow
University of California, San Francisco
1600 Divisadero Street, C-347
Mount Zion Hospital, Hellman Building
San Francisco, CA 94143, USA

Jacob Moalem, MD

Assistant Professor, Endocrine Surgery
University of Rochester Medical Center
601 Elmwood Ave, BOX SURG
Rochester, NY 14642, USA

Tricia A. Moo-Young, MD

Staff Endocrine Surgeon
Northshore University HealthSystems
2650 Ridge Avenue
Walgreens Building, Suite 2507
Evanston, IL 60201, USA

Lilah F. Morris, MD

Longmire Administrative Chief Resident in General Surgery
Endocrine Surgical Unit, Division of General Surgery
David Geffen School of Medicine at UCLA
10833 Le Conte Ave., 72-229 CHS
Los Angeles, CA 90095, USA

Matthew A. Nehs, MD

Clinical Fellow in Surgery
Harvard Medical School
75 Francis Street, ASBII
Boston, MA 02115, USA

Fiemu Nwariaku, MD

Associate Dean for Global Health
Associate Professor of Surgery
University of Texas Southwestern Medical Center
5323 Harry Hines Boulevard
Dallas, TX 75390-9156, USA

Jennifer B. Ogilvie, MD, FACS

Assistant Professor of Surgery
New York University Langone Medical Center
530 First Avenue, Schwartz Health Care Center, 6H
New York, NY 10016, USA

John A. Olson, Jr., MD, PhD

Associate Professor of Surgery
Chief, Section of Endocrine and Oncologic Surgery
Department of Surgery
Duke University
DUMC 2945
Durham, NC 27710, USA

Janice L. Pasioka, MD, FRCSC, FACS

Clinical Professor of Surgery and Oncology
Department of Surgery/North Tower
University of Calgary
1403 29th Street NW, Calgary
Alberta, Canada T2N2T9

Nancy D. Perrier, MD

Professor

MD Anderson Cancer Center

1400 Hermann Pressler Drive, Unit 1484

Houston, TX 77030, USA

Scott N. Pinchot, MD

General Surgery Resident

University of Wisconsin-Madison

H4/7, Clinical Science Center

600 Highland Avenue

Madison, WI 53792, USA

Jennifer L. Poehls, MD

Department of Medicine

Division of Endocrinology, Diabetes and Metabolism

University of Wisconsin

2226 UW Health West Clinic

451 Junction Road

Madison, WI 53717, USA

Richard A. Prinz, MD

Vice-Chair of Surgery, Staff Endocrine Surgeon

Northshore University HealthSystems

2650 Ridge Avenue

Walgreens Building, Suite 2507

Evanston, IL 60201, USA

Patrick H. Pun, MD, MHS

Assistant Professor of Medicine

Department of Medicine (Nephrology)

Duke University Medical Center

DUMC 2747

Durham, NC 27710, USA

Jennifer Rabaglia, MD

Assistant Professor of Surgery
University of Texas Southwestern Medical Center
5323 Harry Hines Boulevard
Dallas, TX 75390-9156, USA

Steven E. Rodgers, MD, PhD

Assistant Professor of Surgery
University of Miami School of Medicine
1120 NW 14th Street (C232)
Miami, FL 33136, USA

Rashmi Roy, MD

Endocrine Surgery Fellow
Department of Endocrine Surgery
Johns Hopkins University School of Medicine
Johns Hopkins Hospital
600 N. Wolfe Street
Blalock 6th Floor, Room 606
Baltimore, MD 21287, USA

Daniel T. Ruan, MD

Instructor in Surgery
Harvard Medical School
75 Francis Street, ASBII
Boston, MA 02115, USA

Jonathan W. Serpell, MBBS, MD, FRACS, FACS

Professor, Monash University Endocrine Surgery Unit
Alfred Hospital, Melbourne, Victoria, Australia
Department of General Surgery, Level 6 Centre Block
Alfred Hospital, Commercial Road, Prahran 3181
Melbourne, Victoria, Australia

Ashok R. Shaha, MD, FACS

Professor of Surgery
Jatin P Shah Chair in Head and Neck Surgery
Memorial Sloan Kettering Cancer Center
1275 York Avenue
New York, NY 10065, USA

Wen T. Shen, MD, MA

Assistant Professor
University of California, San Francisco
1600 Divisadero Street, C-347
Mount Zion Hospital, Hellman Building
San Francisco, CA 94143, USA

Stan B. Sidhu, MD, BS, PhD, FRACS

Associate Professor, Endocrine Surgical Unit
University of Sydney
202/69 Christie St
St Leonards, NSW 2065, Australia

Rebecca S. Sippel, MD, FACS

Assistant Professor, Chief of Endocrine Surgery
Department of Surgery
University of Wisconsin School of Medicine and Public Health
K3/704, Clinical Science Center
600 Highland Avenue
Madison, WI 53792, USA

Carmen C. Solórzano, MD

Associate Professor of Surgery
Vanderbilt University School of Medicine
597 PRB, 2220 Pierce Ave
Nashville, TN 37232, USA

Julie Ann Sosa, MD, MA

Associate Professor of Surgery
(Surgical Oncology and Endocrine Surgery)
Department of Surgery
Yale University School of Medicine
TMP 204, 333 Cedar Street
New Haven, CT 06520-8062, USA

Antonia E. Stephen, MD

Instructor in Surgery
Harvard Medical School
Massachusetts General Hospital
55 Fruit Street, Yawkey 7B
Boston, MA 02114, USA

Cord Sturgeon, MD, MS, FACS

Associate Professor

Director of Endocrine Surgery

Department of Surgery

Northwestern University

676 North St. Clair Street, Suite 650

Chicago, IL 60611, USA

Sonia L. Sugg, MD

Associate Professor

University of Iowa Hospitals and Clinics

200 Hawkins Drive, 4646 JCP

Iowa City, IA 52242, USA

Geoffrey B. Thompson, MD

Chief, Endocrine Surgery

Mayo Clinic

200 1st St SW

Rochester, MN 55905, USA

Yi-Fang Tsai, MD

Attending Physician and Instructor

National Yang-Ming University

Department of Surgery, Division of General Surgery

Taipei Veterans General Hospital

No. 201, Sec. 2, Shipai Rd., Beitou District

Taipei City, Taiwan 11217, R.O.C.

Ling-Ming Tseng, MD

Attending Physician and Assistant Professor

National Yang-Ming University

Department of Surgery, Division of General Surgery

Taipei Veterans General Hospital

No. 201, Sec. 2, Shipai Rd., Beitou District

Taipei City, Taiwan 11217, R.O.C.

Charles Tuggle, BS

Department of Surgery
Yale University School of Medicine
PO Box 208062, 333 Cedar Street
New Haven, CT 06520-8062, USA

Robert Udelsman, MD, MBA

William H. Carmalt Professor of Surgery and Chair
Department of Surgery
Yale University School of Medicine
Surgeon-in-Chief, Yale-New Haven Hospital
FMB 102, 310 Cedar Street
New Haven, CT 06510, USA

Thinh Vu, MD

Assistant Professor
MD Anderson Cancer Center
1515 Holcombe Blvd.
Houston, TX 77030, USA

Tracy S. Wang, MD, MPH

Assistant Professor, Division of Surgical Oncology
Medical College of Wisconsin
9200 W. Wisconsin Avenue
Milwaukee, WI 53226, USA

Scott M. Wilhelm, MD

University Hospitals of Cleveland
11100 Euclid Avenue
Cleveland, OH 44106, USA

James E. Wiseman, MD

Earl Gales Research Fellow in Endocrine Surgery
Endocrine Surgical Unit, Division of General Surgery
David Geffen School of Medicine at UCLA
10833 Le Conte Ave., 72-229 CHS
Los Angeles, CA 90095, USA

Michael W. Yeh, MD

Assistant Professor of Surgery and Medicine (Endocrinology)
Endocrine Surgical Unit, Division of General Surgery
David Geffen School of Medicine at UCLA
10833 Le Conte Ave., 72-228 CHS
Los Angeles, CA 90095, USA

Meei J. Yeung, MBBS, FRACS

Monash University Endocrine Surgery Unit
Alfred Hospital, Melbourne, Victoria, Australia
Suite 6, 243 New Street, Brighton 3186
Melbourne, Victoria, Australia

William F. Young, Jr., MD, MSC

Vice Chair, Division of Endocrinology
Mayo Clinic
200 1st St SW
Rochester, MN 55905, USA

Rasa Zarnegar, MD, FACS

Assistant Professor of Surgery
Weill Cornell Medical College
525 East 68th Street, Room A-1027
New York, NY 10021, USA

Foreword

I am honored to be invited to write the foreword for this outstanding and up-to-date book titled *Handbook of Endocrine Surgery* and edited by Rebecca Sippel, MD and Herb Chen MD. The editors, who are expert endocrine surgeons at the University of Wisconsin, Madison, have assembled a talented group of endocrine surgeons from the USA and Australasia as authors. This very practical and clinically oriented book provides valuable information for surgeons who care for patients with endocrine surgical problems. The authors present concise information regarding the preoperative evaluation, surgical technique, approach and decisions on how to avoid complications, and how to manage postoperative problems when they occur.

Endocrine surgery is a rapidly evolving specialty of general surgery and head and neck surgery. Recent publications document that patients operated upon by surgeons who perform more endocrine surgical operations have fewer complications than when the same operations are performed by less experienced surgeons. Most major medical centers in the USA and worldwide now have endocrine surgical teams that work closely with endocrinologists, nuclear medicine physicians, radiation therapists, cytologists, pathologists and basic scientists. National and International Endocrine Surgical meetings have been established and are growing rapidly.

We must be thankful for the contributions to endocrine surgery by Drs. Theodor Kocher, William Halsted, Harvey Cushing, George Crile, Frank H. Lahey, Charles Mayo, Oliver Cope, Selwyn Taylor, Richard Wellbourn, Per-Ola Granberg, Leon Goldman, Oliver H. Beahrs, Norman Thompson, Charles Proye, Hans Roeder, Thom Reeves, Samuel A. Wells,

Edwin Kaplan and many other surgeons who have helped to improve the care of patients with endocrine surgical disorders. This book by Drs. Sippel and Chen helps follow this rich tradition.

Orlo H. Clark, MD

Professor of Surgery

University of California San Francisco

Preface

While endocrine surgery is a field that demands meticulous operative technique and close attention to detail, it requires just as much if not more in the preoperative and postoperative management of patients. As endocrine surgeons we are not merely technicians removing a thyroid or a parathyroid, but physicians that are curing diseases of the endocrine system through surgery. What separates us from other surgeons that may do the same technical operation is that we understand the diseases we are operating on and how to determine who needs an operation, what operation should be done, and how to best care for the patient before and afterwards.

Much of what we know about the practice of endocrine surgery isn't learned from reading journal articles or book chapters; it was learned from our mentors, who helped to train us in both the art and science of endocrine surgery. It is the clinical pearls that our mentors taught us of "how I do it" that is at the essence of this book.

Residents and fellows are taught what tests to order and what is in the differential diagnosis, but when it comes down to interpreting those tests or figuring out how to actually rule out those other conditions in the differential diagnosis they often struggle to find a reference that could help in the actual day to day clinical world. They may know that a patient with suspected Cushing's syndrome needs to get a dexamethasone suppression test, but don't really know what that means. When do you give the steroids, when do you check the labs, how do you interpret the results, do you need to stop any medications? There are plenty of books and references that will tell you the correct test to order, but few that tell you exactly how to do it or how to interpret it. Hence the goal of this book is to be a reference that can answer those questions. This book is designed to be a very practical and clinical relevant reference that can guide the

practicing surgeon through the work up and management of patients with surgical endocrine diseases.

The book is divided into four main sections focusing on Thyroid, Parathyroid, Adrenal, and Endocrine Pancreas. Each section is divided into two parts with the first part focusing on diagnosis and the second part focusing on clinical management. The authors of this book are leaders in endocrine surgery both past, present, and future. They share the wisdom of their experience and knowledge, as well as their mentors, and help to shape your understanding of the diseases that they treat. The authors have incorporated the latest tests and techniques and shared their practical experience of “how they do it.”

We are grateful to the many contributors to this text. This book represents the efforts of many people whom we consider friends and colleagues as well as leaders in the field. They have put forth a great effort into their contributions and it is our hope that you will appreciate their knowledge and effort and find this text an invaluable resource in your day to day practice.

Rebecca S. Sippel, MD and Herbert Chen, MD