



5TH NY MASTERS COURSE IN COMPREHENSIVE ENDOCRINE SURGERY

Featuring World Renowned Faculty and Live Surgery

Current trends in endocrine surgery, controversies, new technologies, innovations and “scarless” endoscopic surgical techniques will be emphasized.

December 12-13, 2019

HESS CENTER FOR SCIENCE AND MEDICINE
The Bonnie M. Davis, MD and Kenneth L. Davis, MD
Auditorium, 2nd floor
New York, New York

COURSE DIRECTORS:

William B. Inabnet III, MD, MHA, FACS
Hyunsuk Suh, MD, FACS
Gustavo Fernandez-Ranvier, MD, PhD, FACS

Provided by
Department of Surgery
Icahn School of Medicine at Mount Sinai



In partnership with
Department of Surgery
University of Kentucky



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5TH NY MASTERS COURSE IN COMPREHENSIVE ENDOCRINE SURGERY

December 12-13, 2019 | Icahn School of Medicine at Mount Sinai, New York, NY

COURSE DESCRIPTION

The purpose of the **5th NY Masters Course in Comprehensive Endocrine Surgery**, to be held on December 12-13, 2019 at the Icahn School of Medicine at Mount Sinai (ISMMS) in New York and sponsored by the Department of Surgery at ISMMS, is to conduct an intensive review of key endocrinology and endocrine surgery topics in a highly interactive setting that will maximize involvement of each participant.

The sessions will cover intensive reviews of key endocrinology and endocrine surgery topics. In addition to basic and controversial topics in thyroid, parathyroid, adrenal, and pancreatic disorders, the sessions will focus on familial and neuroendocrine topics that are relevant to clinicians with an interest in endocrinology and endocrine surgery. Current trends in endocrinology and techniques in minimally invasive surgery will be emphasized. At the end of each session a robust case presentation and panel discussion will take place that will allow for a high degree of dialogue between audience and faculty.

OBJECTIVES

Thyroid and Parathyroid Disorders

1. Discuss current guidelines for treating thyroid cancer including an in-depth discussion of 2015 American Thyroid Association guidelines
2. Recognize trends in the diagnosis and management of hyperparathyroidism
3. Describe novel and minimally invasive approaches to the thyroid and parathyroid glands
4. Demonstrate techniques in minimally invasive surgery through live surgery

Adrenal and Pancreas Disorders

1. Examine how to evaluate incidentally detected pathology
2. Describe the management of functioning tumors to improve the outcomes of surgery
3. Discuss pearls for improving outcome and minimizing surgical complications

Familial and Neuroendocrine Conditions

1. Improve the understanding of the link between cervical and abdominal endocrine pathology in familial conditions
2. Discuss and evaluate 2015 American Thyroid Association (ATA) guidelines for the management of medullary carcinoma

TARGET AUDIENCE

General Surgeons, Endocrine Surgeons, Head and Neck Surgeons, Endocrinologists, Otolaryngologists, Primary Care Physicians, Residents, Fellows, allied health professionals, patients and family members interested in Multiple Endocrine Neoplasia Syndrome.



THURSDAY, DECEMBER 12, 2019

7:00 am Registration and Continental Breakfast

7:30 Welcome and Introduction

Endocrinopathy

Moderators: *Tracy S. Wang, MD, MPH & Amanda M. Laird, MD*

- 7:40 Parathyroid surgery 2020: State of the art *Herbert Chen, MD*
8:00 What's new with pheochromocytoma *Cortney Y. Lee, MD*
8:20 Surgical management of Graves' disease *Toni Beninato, MD*
8:40 What's new with Cushing's syndrome:
Autonomous cortisol secretion *Alice C. Levine, MD*
9:00 Panel discussion/Case presentations

Live Surgery:

Moderators: *Jun Ho Choe, MD & William B. Inabnet III, MD, MHA*

- 9:15 Transoral endoscopic thyroidectomy vestibular approach (TOETVA) *Gustavo Fernandez-Ranvier, MD, PhD*
Bilateral axillo-breast approach (BABA) *Hyunsuk Suh, MD*

10:30 Break/Exhibits

Controversies in Endocrine Surgery

Moderators: *Herbert Chen, MD & Alexander Shifrin, MD*

- 11:10 Active surveillance vs. surgery for micro-papillary thyroid cancer *Tracy S. Wang, MD, MPH*
11:30 Prophylactic vs. therapeutic lymph node dissection for WDTC *Ashok Shaha, MD*
11:50 Thyroid lobectomy vs total thyroidectomy:
What do patients prefer? *Amanda M. Laird, MD*
12:10 Panel discussion/Case presentations

12:30-1:30 Lunch/Exhibits

Thyroid Cancer: Part 1

Moderators: *Ashok Shaha, MD & Cortney Y. Lee, MD*

- 1:30 Management of locally-advanced thyroid cancer *David A. Sloan, MD*
1:50 Pathology of WDTC and ATA Risk Stratification *Margaret S. Brandwein-Weber, MD*
2:10 Practical use of Bethesda classification system *Jennifer B. Ogilvie, MD*
2:30 Adhering to the 2015 ATA thyroid cancer guidelines *Alexander Shifrin, MD*
2:50 Panel discussion/Case presentations

3:10 Break/Exhibits

"Scarless" and Remote Access Thyroid Techniques

Moderators: *Jennifer B. Ogilvie, MD & Toni Beninato, MD*

- 3:30 Remote access thyroid surgery: Back to the future *Jun Ho Choe, MD*
3:50 BABA thyroidectomy *Hyunsuk Suh, MD*
4:10 Transoral endoscopic thyroidectomy in 2020 *Gustavo Fernandez-Ranvier, MD, PhD*
4:30 Panel discussion/Case presentations

4:45 Adjournment

FRIDAY, DECEMBER 13, 2019

7:00 am Registration and Continental Breakfast

7:25 Welcome and Introduction

Neuroendocrine Tumors

Moderators: Allan Siperstein, MD & William B. Inabnet III, MD, MHA

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|------|---|----------------------------|
| 7:30 | Innovations in treating neuroendocrine tumors in 2020 | <i>Edward Wolin, MD</i> |
| 7:50 | Surgical management of GI NETs | <i>Celia M. Divino, MD</i> |
| 8:10 | Surgery vs. surveillance for PNETs | <i>Brian R. Untch, MD</i> |
| 8:30 | Panel discussion/Case presentations | |

Technology and Innovation

Moderators: Brian R. Untch, MD & Antonia E. Stephen, MD

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|-------|---|--------------------------------|
| 8:50 | The impact of disruptive technology on endocrine surgery | <i>Allan Siperstein, MD</i> |
| 9:10 | Parathyroid identification: is autofluorescence a game changer? | <i>Carmen C. Solórzano, MD</i> |
| 9:30 | Machine learning and image recognition of thyroid nodules for diagnosis | <i>Denise Lee, MD</i> |
| 9:50 | Comprehensive review of nerve monitoring guidelines | <i>Anna Kundel, MD</i> |
| 10:10 | Panel discussion/Case presentations | |

10:30 Coffee Break/Exhibits

Challenges

Moderators: Carmen C. Solórzano, MD & Anna Kundel, MD

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| 10:50 | The missing parathyroid gland | <i>Kepal N. Patel, MD</i> |
| 11:10 | Molecular profiling of thyroid nodules in 2020 | <i>Thomas J. Fahey, III, MD</i> |
| 11:30 | Monitoring outcomes in endocrine surgery | <i>William B. Inabnet III, MD, MHA</i> |
| 11:50 | How to launch a transoral endoscopic thyroid program | <i>Antonia E. Stephen, MD</i> |
| 12:10 | Panel discussion/Case presentations | |

12:30 Lunch/Exhibits

Thyroid Cancer: Part 2

Moderators: David A. Sloan, MD & Kepal N. Patel, MD

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|------|---|--------------------------------|
| 1:30 | Update of AJCC 8th Edition Staging System and NIFTP | <i>Aida Taye-Bellistri, MD</i> |
| 1:50 | Risk stratification of WDTC | <i>R. Michael Tuttle, MD</i> |
| 2:10 | The role of ultrasound in risk stratification of thyroid cancer | <i>Jennifer H. Kuo, MD, MS</i> |
| 2:30 | Medullary thyroid cancer | <i>Randall P. Owen, MD, MS</i> |
| 2:50 | Panel discussion/Case presentations | |

3:10 Coffee Break/Exhibits

Adrenal Gland: The Latest

Moderators: Jennifer H. Kuo, MD, MS & Thomas J. Fahey III, MD

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|------|---|-----------------------------|
| 3:30 | Diagnosis and treatment of Cushing Syndrome | <i>Eliza B. Geer, MD</i> |
| 3:50 | Comprehensive adrenal cortical cancer care | <i>Vivian E. Strong, MD</i> |
| 4:10 | Surgical approaches to adrenal disease | <i>James A. Lee, MD</i> |
| 4:30 | Panel discussion/Case presentations | |

4:50 Closing Remarks

FACULTY

COURSE DIRECTORS

William B. Inabnet III, MD, MHA, FACS

Johnston-Wright Endowed Professor and Chair
Department of Surgery
University of Kentucky College of Medicine

Hyunsuk Suh, MD, FACS

Assistant Professor of Surgery
Department of Surgery
Icahn School of Medicine at Mount Sinai

Gustavo Fernandez-Ranvier, MD, PhD, FACS

Assistant Professor of Surgery
Department of Surgery
Icahn School of Medicine at Mount Sinai

GUEST FACULTY

Herbert Chen, MD, FACS

Professor and Chair of the Department of Surgery
University of Alabama at Birmingham (UAB)
Surgeon-in-Chief of UAB
Hospital and Health System
Birmingham, AL

Jun Ho Choe, MD

Professor, Department of Surgery
Sungkyunkwan University School of Medicine
Staff, Cancer Center, Samsung Medical Center
Seoul, South Korea

Allan Siperstein, MD

Chair, Endocrine Surgery Department
Cleveland Clinic
Cleveland, OH

Carmen C. Solórzano, MD

Professor of Surgery
Chair, Department of Surgery
Director, Vanderbilt Endocrine Surgery
Vanderbilt University Medical Center
Nashville, TN

Antonia E. Stephen, MD

Assistant Professor of Surgery
Department of Surgery
Massachusetts General Hospital
Boston, MA

Tracy S. Wang, MD, MPH

Chief, Section of Endocrine Surgery
Medical College of Wisconsin
Milwaukee, WI

University of Kentucky College of Medicine

David A. Sloan, MD

Warren H. Proudfoot Professor in Surgical Oncology
Section Head, Endocrine Surgery

Cortney Y. Lee, MD, FACS

Associate Professor of Surgery
Section of Endocrine Surgery

Icahn School of Medicine at Mount Sinai

Margaret S. Brandwein-Weber, MD

Professor of Pathology, Anatomic Pathology &
Clinical Pathology

Celia M. Divino, MD

Professor of Surgery
Department of Surgery

Alice C. Levine, MD

Professor of Medicine and Oncological Sciences
Department of Medicine

Randall P. Owen, MD, MS, FACS

Associate Professor of Surgery
Department of Surgery

Aida Taye-Bellistri, MD

Assistant Professor of Surgery
Department of Surgery

Edward Wolin, MD

Senior Faculty of Medicine, Hematology and
Medical Oncology
Department of Medicine

Cayuga Medical Associates

Denise Lee, MD

General Surgeon

Columbia University Medical Center- NY Presbyterian

James A. Lee, MD, FACS

Edwin and Anne Weisskopf Associate Professor of Surgery
Department of Surgery

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Assistant Professor of Surgery
Department of Surgery

Hackensack Meridian Health

Alexander Shifrin, MD, FACS, FACE, ECNU

Clinical Associate, Professor of Surgery
Department of Surgery

Memorial Sloan Kettering Cancer Center

Eliza B. Geer, MD

Associate Professor, Department of Medicine
Medical Director Multidisciplinary Pituitary & Skull Base
Tumor Center

Ashok Shaha, MD, FACS

Jatin P. Shah Chair in Head and Neck
Surgery and Oncology
Department of Surgery

Vivian E. Strong, MD, FACS

Associate Professor of Surgery
Associate Attending Surgeon
Department of Surgery

Brian R. Untch, MD, FACS

Assistant Attending Surgeon
Gastric and Mixed Tumor Service
Head and Neck Service
Department of Surgery

R. Michael Tuttle, MD

Professor of Medicine
Clinical Director, Endocrinology Service
Department of Medicine

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Jennifer B. Ogilvie, MD, FACS

Associate Professor of Surgery
Department of Surgery

Kepal N. Patel, MD, FACS

Associate Professor of Surgery, Biochemistry, Otolaryngology
Department of Surgery

Rutgers Cancer Institute of New Jersey

Amanda M. Laird, MD

Associate Professor of Surgery
Robert Wood Johnson Medical School

Valley Health System

Anna Kundel, MD

Medical Director, Endocrine Surgery

Weill Cornell Medical College

Toni Beninato, MD

Assistant Professor of Surgery
Department of Surgery

Thomas J. Fahey III, MD, FACS

Professor of Surgery
Vice Chairman
Department of Surgery



REGISTRATION FEE

- \$600 Physician Early-Bird by Oct 31
- \$700 Physician after Nov 1
- \$250 Allied Health Professionals
- \$100 Residents, Fellows, Students

COURSE LOCATION

HESS CENTER FOR SCIENCE AND MEDICINE

The Bonnie M. Davis, MD and Kenneth L. Davis, MD Auditorium, 2nd floor

1470 Madison Avenue (Between 101st and 102nd Street)

New York, New York

DIRECTIONS/PARKING

Mount Sinai Hospital icahn.mssm.edu/about/visiting

ACCOMMODATIONS

A limited number of discounted sleeping rooms have been reserved. Please contact Denise Newman: email: dnew229@aol.com, text: 347-236-7181 phone: 718-835-4911 to make your reservation.

CREDIT DESIGNATION

The Icahn School of Medicine at Mount Sinai designates this live activity for a maximum of 14.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACCREDITATION

The Icahn School of Medicine at Mount Sinai is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

VERIFICATION OF ATTENDANCE

Verification of attendance will be provided to all professionals.

SPECIAL NEEDS

Icahn School of Medicine at Mount Sinai is in full compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you require special accommodations, call the Office of CME, 212-731-7950.

FACULTY DISCLOSURE

It is the policy of Icahn School of Medicine at Mount Sinai to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-sponsored educational activities. All faculty participating in the planning or implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationships and to assist in resolving any conflict of interest that may arise from the relationship. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course materials.

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REGISTRATION FEES

- | | |
|---|--------|
| <input type="checkbox"/> Physician <i>by Oct 31</i> | \$ 600 |
| <input type="checkbox"/> Physician <i>after Nov 1</i> | \$ 700 |
| <input type="checkbox"/> Allied Health Professionals | \$ 250 |
| <input type="checkbox"/> Residents, Fellows, Students | \$ 100 |

LAST NAME FIRST NAME (MD, RN, etc.)

ADDRESS

CITY STATE ZIP

TELEPHONE FAX

EMAIL SPECIALTY

INSTITUTION/AFFILIATION

TWO WAYS TO REGISTER

Online at mssm.cloud-cme.com/NYendo19

Mail this form with your check to:



Icahn School of Medicine at Mount Sinai
The Page and William Black Post-Graduate School
One Gustave L. Levy Place, Box 1193
New York, NY 10029-6574

Enclosed is my check for \$_____ payable to:
The Page and William Black Post-Graduate School

CANCELLATION POLICY

All refund and cancellation requests must be emailed to the CME office at cme@mssm.edu by **December 1, 2019**. Cancellations after this date are not eligible for a refund. An administrative fee of \$50 will be deducted from your refund.

For security purposes, credit card payment cannot be accepted by mail or fax. Please visit <https://mssm.cloud-cme.com> to register and pay by credit card.



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