DEPARTMENT OF SURGERY
UNIVERSITY OF WISCONSIN SCHOOL OF MEDICINE AND PUBLIC HEALTH

Remarkable People. Remarkable Results.
Dear Colleague,

The Section of Endocrine Surgery at the University of Wisconsin School of Medicine and Public Health provides nationally recognized care and innovative surgical services to patients with endocrine disease. Our program includes a multidisciplinary thyroid clinic involving endocrinologists, endocrine surgeons, nuclear medicine specialists, pathologists, interventional radiologists, oncologists and nurse practitioners who manage all endocrine concerns.

We offer several unique strategies that vastly expand the medical and surgical options for patients with both benign and malignant conditions including:

- Coordinated care between specialties — 2-day visit with consult and surgery
- Workup and management of incidentally discovered adrenal nodules
- Comprehensive management of initial and recurrent thyroid cancers
- Endoscopic surgery
- Minimally invasive radioguided parathyroidectomy
- Re-operative surgery for patients with persistent and recurrent primary hyperparathyroidism
- Clinical trials for treatment-resistant thyroid cancer

Our team is board certified and fellowship trained in endocrine surgery, and available for your questions or consultation.

I invite you to review the enclosed information and become familiar with our program. If you have comments or suggestions feel free to contact me at chen@surgery.wisc.edu.

Thanks,

Herbert Chen, MD, FACS
Layton F. Rikkers, MD Chair in Surgical Leadership
Chairman and Professor, Division of General Surgery
Department of Surgery
ENDOCRINE SURGERY PROGRAM FACULTY

Our multidisciplinary care team consists of board-certified and nationally recognized endocrine surgeons who work side by side with endocrinologists, pathologists, cytologists and interventional radiologists specialized to specific endocrine conditions.

MULTIDISCIPLINARY TEAM

HERB CHEN, MD
Dr. Chen is the Chair of the Division of General Surgery at the University of Wisconsin School of Medicine and Public Health. He is certified by the American Board of Surgery and specializes in thyroid disease, hyperparathyroidism, adrenal tumors and neuroendocrine tumors. Dr. Chen is an expert in thyroid surgery (thyroidectomy, neck dissection), parathyroidectomy (minimally invasive radioguided parathyroidectomy-MIRP), adrenalectomy (laparoscopic), minimally invasive endocrine surgery and treatment of carcinoids.

DAVID SCHNEIDER, MD
Dr. Schneider is certified by the American Board of Surgery. He specializes in endocrine surgery, treating diseases of the thyroid, parathyroid, and adrenal glands. Dr. Schneider utilizes several minimally invasive techniques to treat endocrine disorders (endoscopic thyroidectomy, parathyroidectomy, adrenalectomy, and focused exploration for recurrent thyroid cancer).

REBECCA SIPPEL, MD
Dr. Sippel is Chief of the Section of Endocrine Surgery. She is certified by the American Board of Surgery and specializes in surgical treatment of the thyroid, parathyroid and adrenal glands. Dr. Sippel has extensive experience in parathyroid surgery and treatment of benign and malignant endocrine diseases, such as thyroid cancer, Graves’ disease, hyperparathyroidism, thyroid nodules and goiter and minimally invasive treatment of adrenal disease.

JUAN JAUME, MD
Dr. Jaume is certified by the American Board of Internal Medicine in internal medicine and also endocrinology, diabetes and metabolism. He specializes in the diagnosis and treatment of endocrine diseases in general, with particular interest in endocrine autonomy (mainly thyroid diseases and diabetes) and thyroid cancer. He directs the Thyroid Multidisciplinary Clinic, which is dedicated to screening of thyroid cancer using ultrasound-guided biopsy of thyroid nodules and onsite cytopathology.

JENNIFER POEHLS, MD
Dr. Poehls is certified by the American Board of Internal Medicine. She specializes in the diagnosis and treatment of endocrine diseases. Her medical interests include thyroid nodules, thyroid cancer, thyroid disease and diabetes. In particular, Dr. Poehls has extensive experience in fine needle aspiration and screening for thyroid cancer using ultrasound-guided biopsy of thyroid nodules.

PATHOLOGY

RICARDO LLOYD, MD
Dr. Lloyd is an internationally known pathologist in the Department of Pathology and Laboratory Medicine, University of Wisconsin School of Medicine and Public Health. He is certified by the American Board of Pathology in Anatomic, Clinical and Molecular Genetic Pathology and specializes in endocrine and molecular pathology. He is an expert in the diagnosis of thyroid, parathyroid, adrenal and neuroendocrine tumors.

ENDOCRINOLOGY

ENDOCRINE SURGERY PROGRAM

MULTIDISCIPLINARY CARE:

Remarkable People. Remarkable Results.

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he UW Health Endocrine Surgery Program at UW Hospital and Clinics, in Madison, Wisconsin, has been providing nationally recognized care and innovative surgical services to its patients for more than a decade. Our program includes a multidisciplinary thyroid clinic involving endocrinologists, endocrine surgeons, nuclear medicine specialists, pathologists, interventional radiologists, oncologists and nurse practitioners who manage your endocrine concerns. Patients play a crucial role in treatment, working side by side with physicians to determine an individualized treatment program.

WHAT SETS US APART IN DELIVERING CARE FOR PATIENTS WITH BENIGN AND MALIGNANT ENDOCRINE DISEASES?

Our multidisciplinary team involves both endocrine surgeons and endocrinologists in addition to numerous other specialists depending on the case. This integrated approach determines the best course of treatment for each patient, whether that is medical therapy, surgery or both.

- Our endocrine surgeons have some of the highest surgical volumes in the U.S. which has led to superior outcomes and very low complication rates.
- Our program is part of the University of Wisconsin Carbone Cancer Center, the only National Cancer Institute (NCI)-designated Comprehensive Cancer Center in the state.
- We offer a monthly multidisciplinary endocrine case conference, and referring providers are welcome to participate. In conference, we evaluate and discuss each patient to help formulate optimal treatment strategies.
- In a long tradition of groundbreaking efforts, our surgeons were the first in Wisconsin to use minimally invasive techniques in endocrine operations. Our endocrine surgeons continue to pioneer state-of-the-art techniques for patients from Wisconsin and beyond.

INTERVENTIONAL RADIOLOGY

Our radiology partners provide the highest standard of care by exceptionally qualified medical and technical staff using state-of-the-art technology.
ENDOCRINE SURGERY PROGRAM

MINIMALLY INVASIVE SURGICAL APPROACHES

We are committed to offering the latest in minimally invasive techniques to treat endocrine disease and provide optimal clinical results.

Thyroidectomy

Partial or total thyroidectomy involves small incisions using either open or endoscopic techniques. An integrated approach optimizes treatment for patients with complex, recurrent, metastatic or re-operative thyroid disease.

Parathyroidectomy

Parathyroidectomy is accomplished through small incisions with ultrasound, radionuclide and intraoperative parathyroid hormone monitoring. Advanced techniques, such as venous sampling, 4-D CT scans and measurement of parathyroid hormone in fine needle aspirates, allow us to treat even the most challenging cases of recurrent, re-operative or ectopic hyperparathyroidism.

Adrenalectomy

Adrenalectomy includes laparoscopic, retroperitoneoscopic or open techniques. Our multidisciplinary adrenal clinic addresses all phases of care from the initial workup to advanced imaging, hormonal testing and adrenal venous sampling, as well as surveillance of adrenal nodules.

PATIENT FOCUSED OUTCOMES

UW Health endocrine surgeons take a patient-centered approach. This means offering a tailored treatment plan for each patient focused on improving quality of life, optimizing long-term outcomes and special consideration for patient preferences. Even mild or subclinical forms of endocrine disease can be successfully treated.

NOVEL TREATMENTS AND TAILED THERAPY

Our team offers the most advanced techniques for diagnosis, treatment and prevention of endocrine disorders. Our patient-centered approach matches the best technology to each patient's disease process. Our goal is to provide superb care for even the most complex patients. This includes:

• Workup and management of incidentally discovered adrenal nodules
• Comprehensive management of initial and recurrent thyroid cancers
• Endoscopic surgery
• Minimally invasive radioguided parathyroidectomy
• Re-operative surgery for patients with persistent and recurrent primary hyperparathyroidism
• Integrated treatment for hyperthyroidism, Cushing syndrome, hyperaldosteronism, pheochromocytoma and all types of hyperparathyroidism
• Clinical trials for treatment-resistant thyroid cancer

ADVANCED IMAGING

• Surgeon-performed ultrasound
• Intraoperative ultrasound
• Nuclear medicine scans
• 4-D parathyroid CT scans
• Adrenal venous sampling
• Selective venous sampling for parathyroid hormone

RESEARCH

Our team conducts many types of research aimed at improving the care of our patients. The results of this research are readily translated into best practices at UW Health, which benefits our patients and referring providers.

Our team runs a laboratory that is developing novel therapeutics for thyroid cancer and neuroendocrine tumors. Among our current research initiatives are efforts to investigate the development, progression and treatment of endocrine tumors, including medullary thyroid cancer, gastrointestinal carcinoids, differentiated thyroid cancer, adrenal cancer and pancreatic islet cell tumors.

Our robust clinical research program is helping to establish standard of care for patients with endocrine diseases. We conduct extensive research focused on patient-centered outcomes and symptom resolution and are helping to optimize the surgical care of endocrine disease. The results of this type of research are quickly brought into clinical practice showcasing our bench to bedside mission. We utilize population-level data to discover trends in disease presentation and treatment as well as participate in multi-institutional studies that have impacted treatment guidelines.

Through our NCI-designated comprehensive cancer center, we have a variety of clinical trials available for the treatment of neuroendocrine tumors, treatment-resistant thyroid cancer and medullary thyroid cancer.

For a complete list of publications from our surgery faculty, please view their bios on surgery.wisc.edu.

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