

Introduction

Molecular Endocrinology

Robotic Endocrine Surgery

Brain, Lung and Thymus

The Endocrine Brain

Selective Sampling of Petrosal Veins

Pituitary Tumors

The Endocrine Lung and Thymus

Broncho-Pulmonary and Thymic Carcinoids, other Endocrine Tumors

Pulmonary Endocrine Pathology

Thyroid

Thyroid Physiology

Cytology and Surgical Pathology

Thyroid Imaging: Ultrasound, Thyroid Imaging: Radionuclide

Intrathoracic Goiter

Hyperthyroidism

Thyroid Nodules

Molecular Testing of Thyroid Nodules

Well Differentiated Thyroid Cancer Surgery

Medullary Thyroid Carcinoma

Anaplastic Cancer-Pathology

Endoscopic + Robotic Thyroidectomy

Video-Assisted Thyroidectomy

Principles of Thyroid Surgery and Outcomes

Parathyroid

Presentation of Hyperparathyroidism

Imaging of Parathyroids:

Imaging 4D CT Scanning

Surgery for Hyperparathyroidism

Reoperation for Hyperparathyroidism

Parathyroid Carcinoma

Adrenals

Adrenocortical Function, Adrenal Insufficiency

Pathology of Adrenal Tumors

Imaging: CT, MRI, PET Scans

Radionuclear Imaging

Adrenal Vein Sampling For Diagnosis and Localization Of

Aldosteronoma And Cushing's Adenoma

Cushing's Syndromes, Cortical Carcinoma, Estrogen and Androgen

Secreting Tumors

Primary Aldosteronism

Neuroblastoma and Ganglioneuroma

Pheochromocytoma

Adrenal Incidentaloma

Laparoscopic Adrenalectomy

Techniques of Adrenalectomy

Pancreas

Pathology of the Endocrine Pancreas

Imaging of the Pancreas CT, MRI, PET

Radionuclide Imaging of Pancreas

Insulinoma

Hyperinsulinism (Nesidioblastosis) in Newborns

Gastrinoma (Zollinger-Ellison Syndrome) and Rare Neuroendocrine Tumors

Pancreatectomy Traditional

Laparoscopic Pancreatectomy

Inherited Syndromes

Multiple Endocrine Neoplasia and Other Familial Endocrine Tumor Syndromes

Gastro-Entero-Pancreatic System

Carcinoid Tumors

Serotonin-Induced Cardiac Valvular Disease and Pulmonary

Hypertension

Endocrine Tumors of the Gastrointestinal Tract

Multimodality Management of Primary and Metastatic Neuroendocrine Tumors

Cytoreduction

Liver Transplantation for Neuroendocrine Tumors

Medical Management

Metabolic Surgery

Pathophysiology and Surgery of Type II Diabetes

Post-Bariatric Surgery, Non-Pancreatogenous Hyperinsulinemic

Hypoglycemia

Surgical Management of Metabolic Syndrome

Gut Peptides