

## ROBOTIC-ASSISTED SURGERY



### ROBOTIC-ASSISTED SURGERY AT UW MEDICAL CENTER

*UW Medical Center, in partnership with the Seattle Cancer Care Alliance, is home to one of the most technologically advanced robotic-assisted surgery programs in the Puget Sound region. For more than a decade, our multidisciplinary team of surgeons has been at the forefront of using innovative instruments to perform complex surgical procedures using a minimally invasive approach that results in less pain, less blood loss, reduced infection rates, shorter hospital stays and faster recovery times when compared to traditional surgery.*

### ***Minimally invasive, robotic-assisted surgery can be used to treat a broad array of conditions:***

- Bladder Cancer
- Colorectal Cancer
- Endometriosis
- Gynecologic Cancer
- Heavy Uterine Bleeding
- Kidney Disorders
- Kidney Cancer
- Liver Tumors
- Lung Cancer
- Obesity
- Ovarian Cysts/Tumors
- Pancreatic Cancer
- Penile Cancer
- Prostate Cancer
- Throat and Tongue Cancer
- Thyroid Cancer
- Uterine Fibroids
- Uterine/Vaginal Prolapse

## *Why choose robotic-assisted surgery?*

UW Medicine surgeons use specialized instruments and high-definition imaging to perform minimally invasive procedures with enhanced precision, control and range of motion. The techniques are tested, safe and effective — and robotic-assisted surgery often helps patients recover more quickly to return to their normal routines.

## *Here are a few groundbreaking robotic-assisted procedures performed by UW Medicine surgeons:*

- **Gynecology and Gynecologic Oncology**  
On April 9, 2010, Dr. Barbara Goff, UW professor of obstetrics and gynecology, performed a hysterectomy using dual-console robotic surgery for the first time in the state of Washington.
- **Urology**  
On April 12, 2010, Dr. William Ellis, UW professor of urology, completed the state's first dual-console prostate surgery procedure.
- **Otolaryngology**  
On April 23, 2010, Dr. Eduardo Mendez, UW assistant professor of otolaryngology, and his team performed the first trans-oral robotic-assisted surgery — a treatment recently approved by the FDA for throat and tongue tumors — in Washington State.
- **General Surgery**  
On May 6, 2011, Dr. Jim Park, UW assistant professor of surgery, performed the first robotic-assisted liver resection in the Pacific Northwest.



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For more information visit  
[uwmedicine.org/robotics](http://uwmedicine.org/robotics)

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To refer a patient and/or make an appointment,  
please contact each department directly at:

**GYNECOLOGY:** 206.598.5500 *or*  
**GYNECOLOGIC ONCOLOGY:** 206.288.7155  
**UROLOGY:** 206.598.4294  
**OTOLARYNGOLOGY:** 206.598.4022  
**GENERAL SURGERY:** 206.598.4477

## MEET THE TEAM

*Here's a list of the UW Medicine physicians trained in minimally invasive, robotic-assisted surgery.*

### GYNECOLOGIC ONCOLOGY & GYNECOLOGY

#### **Barbara Ann Goff, M.D.**

*Professor, Obstetrics & Gynecology  
Director, Division of Gynecologic Oncology  
Focus: Surgery and treatment of cervical, endometrial, ovarian and other gynecologic cancers*

#### **Heidi J. Gray, M.D.**

*Associate Professor, Obstetrics & Gynecology  
Focus: Gynecologic malignancies and ovarian cancer screening and treatment*

#### **John B. Liao, M.D., Ph.D.**

*Assistant Professor, Obstetrics & Gynecology  
Focus: Surgery and treatment for cervical, endometrial and ovarian cancers*

#### **Elizabeth M. Swisher, M.D.**

*Associate Professor, Obstetrics & Gynecology  
Medical Director, Breast & Ovarian Cancer Prevention Program  
Focus: Gynecologic cancer genetics for the prevention, early detection and chemo-resistance of ovarian cancer*

#### **Renata R. Urban, M.D.**

*Assistant Professor, Obstetrics & Gynecology  
Focus: Gynecology, gynecologic surgery, gynecologic malignancies, including vaginal cancers, germ cell tumors of the ovary and uterine sarcomas*

#### **Linda Joy Hipps, M.D.**

*Clinical Associate Professor, Obstetrics & Gynecology;  
Director of Pre-invasive disease  
Focus: Gynecology care for female cancer patients including surgery and pre-invasive disease evaluations*

#### **Seine Chiang, M.D.**

*Professor, Obstetrics & Gynecology  
Director of the Obstetrics & Gynecology  
Focus: Gynecology, gynecologic surgery and minimally invasive surgical techniques*

#### **Gretchen M. Lentz, M.D.**

*Professor, Obstetrics & Gynecology  
Adjunct Professor, Urology  
Focus: Gynecology, Urogynecology and pelvic floor reconstructive surgery*



Pictured L to R: Goff, Chiang, Urban, Swisher, Liao, Lentz, Gray, Hipps



Pictured L to R: Harper, Lin, Wright, Ellis, Gore; Miller and Walsh not pictured

## UROLOGY

### **William J. Ellis, M.D.**

*Professor, Urology*  
Focus: Urologic oncology and minimally invasive surgery

### **John L. Gore, M.D.**

*Professor, Urology*  
Focus: Urologic oncology and general urology

### **Jonathan Harper, M.D.**

*Assistant Professor, Urology*  
Focus: Minimally invasive surgery and endourology

### **Jane Miller, M.D.**

*Associate Professor, Urology*  
Focus: Female urology: incontinence, prolapse, reconstructive and neuro-urology

### **Daniel W. Lin, M.D.**

*Chief of Urologic Oncology*  
*Associate Professor, Urology*  
Focus: Urologic oncology

### **Thomas J. Walsh, M.D., M.S.**

*Assistant Professor, Urology*  
Focus: Male reproductive and sexual medicine

### **Jonathan L. Wright, M.D., M.S.**

*Assistant Professor, Urology*  
Focus: Urologic oncology: bladder, prostate, kidney and testicular cancer



Pictured L to R: Yeung, Mann, Pellegrini, Park; Wright not pictured

## GENERAL SURGERY

### **Gary Neil Mann, M.D.**

*Associate Professor,*  
*General Surgery/Oncology*  
Focus: Surgical oncology: breast, endocrine and sarcoma

### **James Park, M.D., F.A.C.S.**

*Assistant Professor, General Surgery/Oncology*  
Focus: Benign and malignant hepatobiliary, upper GI and pancreas tumors

### **Carlos A. Pellegrini, M.D.**

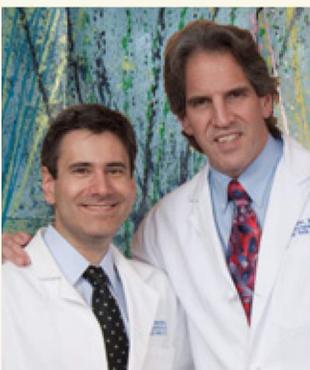
*Professor and Chair,*  
*Department of Surgery*  
Focus: Benign and malignant esophageal diseases

### **Andrew Wright, M.D.**

*Associate Professor,*  
*General Surgery*  
Focus: Bariatric: colon and stomach cancer and anti-reflux surgery

### **Raymond Yeung, M.D.**

*Professor, General Surgery/Oncology*  
Focus: Benign & malignant hepatobiliary, upper GI and pancreatic tumors



Pictured L to R: Mendez, Futran

## OTOLARYNGOLOGY

### **Neal D. Futran, M.D., D.M.D.**

*Director, Head and Neck Surgery*  
Focus: Head and neck microvascular reconstruction and head/neck, skull base and oral/maxillofacial surgery

### **Eduardo Mendez, M.D.**

*Assistant Professor, Head and Neck Surgery*  
Focus: Head and neck oncology and microvascular reconstruction