

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.



For more information visit
uwmedicine.org/robotics

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