# 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

UW Medicine
UNIVERSITY OF WASHINGTON
MEDICAL CENTER

# 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 chemoresistance 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



Pictured L to R: Yeung, Mann, Pellegrini, Park; Wright 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

# **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

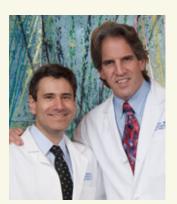
# Andrew Wright, M.D.

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

# Raymond Yeung, M.D.

Professor, General Surgery/
Oncology
Focus: Benian & malianant

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