

# The Gynecology Center



We provide multidisciplinary treatment for **optimal survival** and **quality of life** for patients with all types and stages of gynecologic cancer.

## What Sets Us Apart

- **Clinical trials** that offer tomorrow's treatments today, including novel vaccines, T-cell therapies, targeted agents and personalized therapeutics
- **High-volume experience** in ovarian cancer surgery, and laparoscopic and robot-assisted surgery for uterine, ovarian and cervical procedures
- **Ovarian Cancer Screening Program** provides screening and surveillance for earliest detection in high-risk women
- **Treatment options unavailable elsewhere** such as photodynamic therapy (PDT) and intraperitoneal chemotherapy
- **Specialized programs and services** such as Clinical Genetics, Oncofertility, Plastic & Reconstructive Surgery, Psychosocial Oncology and Survivorship Center



## The Gynecology Center

Our oncology experts specialize in the care and management of diseases of the female reproductive system, including these areas of expertise:

**Cervical cancer**

**Fallopian tube cancer**

**Ovarian and primary  
peritoneal cancer**

**Uterine or endometrial cancer**

**Vaginal cancer**

**Vulvar cancer**

**Trophoblastic disease**

**Gynecologic chemotherapy**

**Complex gynecologic surgery**

**Robotic gynecologic surgery**

**Minimally invasive  
gynecologic surgery**

**High risk gynecologic  
cancer screening**

**Colposcopy**

## Changing the Face of Ovarian Cancer

Thanks to a National Cancer Institute grant, Roswell Park has partnered with University of Pittsburgh Cancer Institute creating a **Specialized Program of Research Excellence (SPORE)** — one of only four in the country studying ovarian cancer — to intensify and accelerate ovarian cancer research and bring improved treatments to patients as soon as possible.

### With a focus on immunologic approaches, the SPORE projects aim to:

- **Improve response rates** and outcomes in patients with newly diagnosed ovarian cancer and relapsed chemo-resistant disease
- **Lengthen remission rates** in patients with recurrent disease
- **Assess risk classification** for ovarian cancer development and prognosis
- **Identify factors** that interfere with efficacy of immunotherapeutic approaches



“Every patient, wherever they are in the spectrum of their disease—whether they are newly diagnosed, in remission or have recurrent disease—will be eligible for one of the treatments provided through the SPORE.”

**Kunle Odunsi, MD, PhD, FRCOG, FACOG**

*Deputy Director*

*Chair, Department of Gynecologic Oncology*

*The M. Steven Piver Professor of Gynecologic Oncology*

*Executive Director, Center for Immunotherapy*

*Co-Leader, Tumor Immunology and Immunotherapy Program*

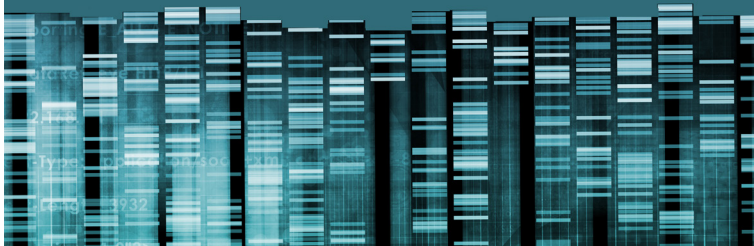
## Clinical Services We Offer

- **Immunotherapy trials**, including cancer vaccines
- **Expert evaluation** for abnormal Pap test, colposcopy
- **Minimally-invasive surgical staging**
- **Laparoscopic and robotic surgery** for total hysterectomy, bilateral salpingo-oophorectomy and lymphadenectomy
- **Medical therapeutics** including the latest evidence-based chemotherapy regimens, targeted agents and hormone therapy
- **Radiotherapy** including vaginal cylinder brachytherapy, external beam radiotherapy (EBRT), intraoperative radiotherapy (IORT) and intensity modulated radiotherapy (IMRT)
- **CO<sub>2</sub> Laser Therapy** for vulvar intraepithelial neoplasia (VIN), vulvar condyloma, and vaginal intraepithelial neoplasia (VAIN)
- **Photodynamic Therapy (PDT)** for vulvar cancer and all recurrent GYN malignancies
- **Intraperitoneal chemotherapy (IP)** for ovarian and primary peritoneal cancers

## CLINICAL GENETICS SERVICE

**Our team is comprised of board-certified medical genetic counselors. Our services include:**

- Review of personal and/or family history for individualized cancer risk assessment
- Consideration of hereditary risk
- Genetic testing using multi-gene panels
- Options for prevention, surveillance and screening
- Discussion of risk in family members



## HIGH RISK PATIENT?

Our **High Risk Ovarian Cancer Clinic** provides:

- ✓ Comprehensive ovarian cancer risk assessment
- ✓ Genetic counseling and/or testing
- ✓ Risk reduction strategies
- ✓ Regular screening with transvaginal ultrasound and serum CA-125
- ✓ Access to clinical trials

## Oncofertility Program

**Making fertility preservation standard of care**

Every young cancer patient has access to in-house fertility counseling and education to evaluate fertility risks and preservation options and receive streamlined referral to fertility services—before cancer treatment begins.

The Oncofertility Program is offered through our Young Adult Program in conjunction with Buffalo Infertility and IVF Associates and University at Buffalo and provides resources to manage stress and financial burden.





Established at Roswell Park more than 30 years ago, the registry is the world's largest source of genetic data and family history profiles, with organized data from more than 2,700 families at high risk for familial ovarian cancer. Researchers monitor patterns and trends in the data aiming to find better methods for detecting, treating, curing and preventing familial ovarian cancer.

**Meet the Team** Call us today to discuss a case, confirm a diagnosis or refer a patient, **716-845-RPMD** (716-845-7763).

[RoswellPark.org/ovarian-cancer-registry](http://RoswellPark.org/ovarian-cancer-registry)



#### Gynecologic Oncology

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- 2 Peter Frederick, MD, FACOG
- 3 Katherine LaVigne Mager, MD
- 4 Melissa Moffitt, MD, FACOG
- 5 Shashikant Lele, MD, FACOG
- 6 Kunle Odunsi, MD, PhD, FRCOG, FACOG
- 7 Emese Zsiros, MD, PhD, FACOG

#### Radiation Oncology

- 8 David Mattson, Jr., MD

#### Pathology

- 9 Devi Jeyachandran, MD

#### ROSWELL PARK CARE NETWORK

##### NORTHTOWNS

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Adam Kotowski, MD  
Michael Krabek, MD, PhD  
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##### SOUTHTOWNS

Yasar Shad, MD, FACP

##### NIAGARA

Bhuvana Ramkumar, MD

##### JAMESTOWN

Jairus Ibabao, MD

##### UROLOGY

Prabhakara Somayaji, MD

##### BREAST SURGERY

Mariola Poss, MD, FACS

Also seeing patients  
at our centers in:

AMHERST  
NIAGARA FALLS  
JAMESTOWN



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[www.RoswellPark.org/rpmd](http://www.RoswellPark.org/rpmd)  
716-845-RPMD (716-845-7763)

*Your patient may prefer to receive cancer care closer to home at one of Roswell Park's Care Network members at these convenient locations.*