

MISSION

A world free of cancer

VISION

To lead in transformative cancer care, research and education through courage, commitment and compassion

ABOUT KARMANOS.

Karmanos Cancer Institute is a National Cancer Institute (NCI)-designated comprehensive cancer center. We have competed for and continuously maintained this prestigious designation since 1978. Earning the NCI's top designation confirms our commitment to excellence and a promise to bring the best to our cancer patients.

**BARBARA ANN
KARMANOS CANCER INSTITUTE**

4100 John R, Detroit, MI 48201

WEISBERG CANCER TREATMENT CENTER

31995 Northwestern Highway
Farmington Hills, MI 48334



CANCER INSTITUTE

Wayne State University

YOUR BEST CHANCE.

1-800-KARMANOS | KARMANOS.ORG



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INTERVENTIONAL RADIOLOGY

MINIMALLY INVASIVE TREATMENT



CANCER INSTITUTE

Wayne State University

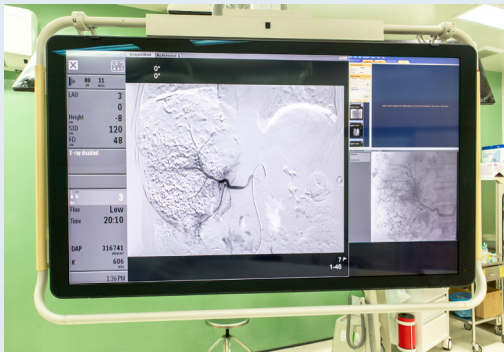
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WHAT IS INTERVENTIONAL RADIOLOGY?

The team of interventional radiologists at the Barbara Ann Karmanos Cancer Institute is committed to providing outstanding and innovative care for patients using real-time images from X-ray, CT, ultrasound or MRI to address cancer with minimal discomfort and unprecedented precision.

Breakthroughs in technology and imaging have created new treatment choices for patients. If your patient is a candidate for open surgery, Karmanos may offer them a less intrusive experience. There may be a minimally invasive approach that could dramatically reduce their pain, risk and recovery time.



WORKING WITH AN INTERVENTIONAL RADIOLOGIST

Karmanos' team of interventional radiologists provide a holistic approach to cancer treatment. Our interventional radiologists will work in collaboration with you and your patient to form a comprehensive treatment plan.

WHY TO REFER PATIENTS TO KARMANOS' INTERVENTIONAL RADIOLOGISTS

Our team of interventional radiologists in Detroit offer many minimally invasive, targeted treatments, including:

- Chemoembolization and radioembolization
- Radiofrequency/microwave/cryoablation
- Prostate artery embolization
- Intrathecal chemotherapy
- Angioplasty and vascular stenting
- Bone and extrahepatic tumor embolization

Treatments offered at both our Farmington Hills and Detroit locations include:

- Central venous access catheters (port catheters, PICC lines and other types of IV's)
- Gastrostomy (feeding) tube
- Inferior Vena Cava filter placement and removal
- Venous access device contrast venography
- Peripheral U/S IV start
- Denver Shunt, Pleurex catheter
- Lumbar Puncture
- Percutaneous drainage catheter with or without sclerotherapy
- Image-guided biopsy
- Thoracentesis and Paracentesis
- Biliary drain or stent placement and exchange
- Percutaneous nephrostomy placement, exchange or stent

REFERRING PHYSICIAN OFFICE

We are grateful to serve our region and consider it our privilege to offer comprehensive care for your cancer patients. To refer a patient, email refer@karmanos.org, call the Referring Physician Office at **1-877-KARMANOS** (1-877-527-6266) or visit our website at karmanos.org/refer to access the online referral form.