

Frequently Asked Questions

What is GAE?

Genicular Artery Embolization (GAE) is a non-surgical procedure that targets inflamed tissues in the knee, helping relieve chronic pain caused by osteoarthritis.

Who is a good candidate?

Ideal for those with moderate to severe osteoarthritis knee pain who aren't ready-or eligible-for knee replacement surgery.

Is the procedure painful?

Most patients feel only mild discomfort. The procedure is done under light sedation with minimal recovery time.

How soon will I feel relief?

Many patients begin to notice pain relief within 2-4 weeks, with continued improvement over several months.

Is GAE covered by insurance?

Most major insurance plans are accepted. Our team will help verify your coverage before scheduling.

Why to refer

- Proven results treating chronic knee pain with GAE
- Fast recovery with minimal downtime.
- Ideal for patients not ready for or unable to undergo surgery
- In-office procedure with low risk and high satisfaction



David Fox,
MD, FACS, RPVI
Board-Certified
Vascular Surgeon

David Fox, MD, FACS, RPVI is a board-certified vascular surgeon who treats patients with chronic knee pain caused by osteoarthritis. Many experience pain at rest or while walking and standing. His office includes a full-service diagnostic lab and a New York State-accredited OBS procedure room. This allows him to offer Genicular Artery Embolization (GAE) in-office, providing non-surgical relief with fast recovery and improved mobility. He holds privileges at Lenox Hill Hospital, where he collaborates on advanced vascular care to deliver comprehensive treatment options.



Most Insurance Accepted

KNEE PAIN!

GAE: Minimally invasive relief for chronic knee pain



DON'T
LET KNEE
PAIN LIMIT
YOUR LIFE



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Do you have Osteoarthritis (OA) of the Knee?

Osteoarthritis (OA) is the most common form of arthritis and a leading cause of chronic knee pain. It occurs when the cartilage in the knee joint gradually wears down, causing inflammation, swelling, stiffness, and discomfort during movement.

Over time, this can make everyday activities like walking, climbing stairs, or standing for long periods increasingly difficult.

GAE / Genicular Artery Embolization offers an effective, non-surgical option for patients with OA-related knee pain who are not ready, or eligible, for joint replacement.



Before
GAE:
Inflamed
Knee Joint



After
GAE:
Reduced
inflammation
and pain

DID YOU KNOW?

GAE offers minimally invasive relief for patients with knee pain from osteoarthritis who wish to avoid or delay knee surgery

How Does GAE Work?

GAE is a non-surgical procedure that uses a small catheter to deliver tiny particles into the arteries around the knee. These particles reduce blood flow to inflamed tissue, helping to relieve pain and improve mobility.



The procedure takes under an hour and is done in-office with light sedation. Patients go home the same day.

By reducing blood flow to inflamed knee tissues, GAE reduces inflammation and pain signaling, providing relief without damaging nearby tissues or affecting joint function.

Top Benefits of GAE Procedure

Minimally Invasive:

No large incisions or general anesthesia—just a tiny catheter insertion under light sedation.

In-Office Convenience:

Performed in a comfortable, outpatient setting with no hospital stay required.

Quick Recovery:

Most patients resume light activity within 1-2 days, with continued improvement over time.

Lasting Relief:

Many report reduced pain and increased mobility for a year or more.

Ideal for Non-Surgical Candidates:

A powerful alternative for those who aren't ready—or aren't eligible—for total knee replacement.

Low Risk, High Satisfaction:

Studies show consistent patient improvement and excellent safety outcomes.

If knee pain is holding you back,
GAE may be the solution.

Call us today to schedule a consultation and learn more about how Dr. Fox can help you get moving again without surgery.



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WHO IS GAE BEST SUITED FOR?

GAE is ideal for patients with moderate to severe knee pain from osteoarthritis who haven't found relief with medications or injections. It's especially suited for those looking to delay or avoid knee replacement surgery and its extended recovery.