

ABOUT OSTEOARTHRITIS (OA) OF THE KNEE

Osteoarthritis (OA) of the knee is a common condition characterized by the degeneration of cartilage within the knee joint. As this protective cartilage wears away, individuals may experience persistent knee pain, swelling, and reduced mobility. Aging, joint injuries, obesity, and genetic factors contribute to the development of knee OA.

The hallmark symptoms include discomfort during movement, stiffness, and difficulty performing daily activities. Early diagnosis is crucial for effective management. Treatment options for knee OA range from lifestyle adjustments and physical therapy to advanced interventions like Genicular Artery Embolization (GAE), a minimally invasive procedure that targets pain signals at the source.

IF YOU ARE EXPERIENCING KNEE PAIN, CONSULT WITH YOUR ASAP PROVIDER TO SEE IF THE GAE PROCEDURE MAY BE RIGHT FOR YOU.

FREQUENTLY ASKED QUESTIONS ABOUT GENICULAR ARTERY EMBOLIZATION (GAE)

Is genicular artery embolization safe?

Research indicates that GAE is generally safe. Compared to open surgery, the procedure carries a lower risk of bleeding, infections, and complications from anesthesia.

How effective is genicular artery embolization?

Studies have demonstrated high effectiveness, with approximately 70% of treated patients experiencing significant and long-lasting pain relief.

Is genicular artery embolization covered by insurance?

Insurance coverage varies due to the novelty of GAE. The ASAP team will liaise with your insurance provider before the procedure to determine approval.

How long does genicular artery embolization last?

Results typically last for 6 to 12 months, though some studies suggest pain relief enduring up to four years following the initial treatment.

What is the recovery like?

After the procedure, a four-hour recovery period is typical. Most patients return home on the same day and resume regular activities within two to three days.



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GET MOVING AGAIN

WITH GENICULAR ARTERY EMBOLIZATION

**GAE
PROCEDURE**



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DO YOU HAVE OSTEOARTHRITIS (OA) OF THE KNEE?

DO YOU EXPERIENCE ONE OR MORE OF THE SYMPTOMS LISTED BELOW?

- Persistent knee pain, particularly during movement
- Swelling or inflammation around the knee joint
- Stiffness and reduced flexibility
- Grating sensations or popping sounds in the knee
- Tenderness and warmth around the joint
- Difficulty in performing daily activities due to knee pain

ABOUT GENICULAR ARTERY EMBOLIZATION (GAE)

Genicular Artery Embolization (GAE) is an innovative and minimally invasive procedure designed to provide relief for chronic knee pain, specifically associated with osteoarthritis (OA). It involves the targeted injection of small particles into the genicular arteries surrounding the knee joint. These particles reduce blood flow to nerves that transmit pain signals, offering a non-surgical option for pain management.

The goal of GAE is to provide pain relief by targeting the nerves responsible for transmitting pain without causing significant damage to the surrounding tissues. This procedure is an alternative for individuals who may not be candidates for knee replacement surgery or those seeking non-surgical options.

WHO IS GAE BEST SUITED FOR?

GAE is most appropriate for individuals aged 40 to 80 experiencing moderate to severe symptomatic knee pain, particularly in confirmed cases of osteoarthritis. This procedure proves beneficial for patients who have not found relief through conservative treatments like NSAIDs or knee injections.

GAE is particularly well-suited for those who are not prepared for knee replacement surgery and prefer to avoid the prolonged recovery and rehabilitation typically associated with major surgical interventions.

OSTEOARTHRITIS BY THE NUMBERS

OVER 30 MILLION

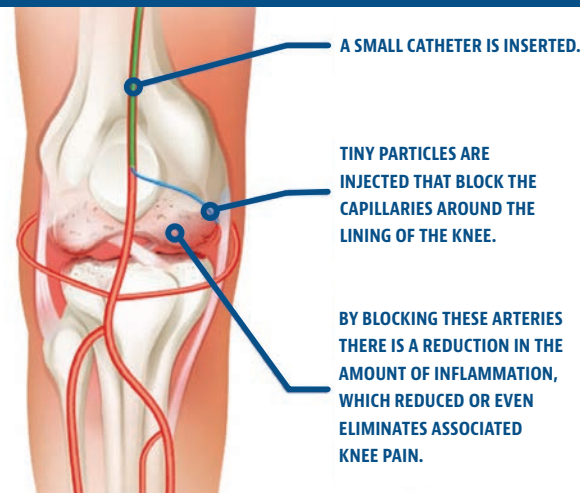
INDIVIDUALS IN THE U.S. HAVE SYMPTOMATIC OSTEOARTHRITIS (OA), MAKING IT THE MOST COMMON FORM OF ARTHRITIS.

57%

OF ALL PATIENTS WITH SYMPTOMATIC KNEE OA ARE YOUNGER THAN AGE 65. FOR THESE PATIENTS, THERE IS SUBSTANTIALLY MORE TIME FOR GREATER DISABILITY TO OCCUR.

Statistics provided by the Arthritis Foundation.

HOW DOES GAE WORK?



TOP BENEFITS OF THE GAE PROCEDURE

MINIMALLY INVASIVE:

GAE is a non-surgical option that avoids large incisions, bone removal, and the need for general anesthesia.

OUTPATIENT PROCEDURE:

Hospital stays are unnecessary, as patients can be discharged home within hours of completing the procedure.

QUICK TREATMENT, SHORT RECOVERY:

The typical duration of a GAE is 45 minutes, and most patients can recover within a few days after the treatment.

LONG-LASTING PAIN RELIEF:

Research indicates that GAE results in significant pain reduction for several months, and, in some cases, it may offer relief for a year or more.

LOW RISK:

GAE, being a minimally invasive and non-surgical approach, poses lower risks compared to open surgery and has fewer side effects compared to medication.