

## Revolutionizing Knee Arthritis Treatment: Genicular Artery Embolization at Insight Hospital with Dr. Sameer Ahmed

At Insight Hospital's interventional radiology department, we're at the forefront of introducing advanced, minimally-invasive treatments that offer our patients alternatives to traditional surgery. Under the leadership of Dr. Sameer Ahmed, we're proud to offer Genicular Artery Embolization (GAE), a cutting-edge procedure designed to alleviate the pain and discomfort associated with knee arthritis.

### Understanding Knee Arthritis

Knee arthritis is a condition characterized by the degeneration of knee joint cartilage, leading to pain, stiffness, and reduced mobility. While traditional treatments have focused on medication, physical therapy, or invasive surgery, GAE presents a novel approach for those seeking relief without the drawbacks of conventional methods.

### What is Genicular Artery Embolization?

GAE is a minimally-invasive procedure that targets the small arteries feeding the knee joint's inflamed synovial tissue, which is often the source of arthritis pain. By selectively blocking these arteries using micro-particles, GAE reduces the blood flow to the inflamed tissue, thereby decreasing inflammation and pain.

### The Benefits of GAE at Insight Hospital

- **Minimally-Invasive:** With GAE, there's no need for large incisions or general anesthesia, significantly reducing the risk of complications and promoting a quicker recovery.
- **Effective Pain Relief:** Many patients experience significant pain relief shortly after the procedure, improving their quality of life and mobility.
- **Short Recovery Time:** Patients can often return to their normal activities within a few days, without the lengthy rehabilitation associated with knee surgery.
- **Preservation of Knee Joint:** GAE provides a treatment option that does not involve altering the structure of the knee joint, preserving it for future treatments or interventions.

### Why Choose Dr. Sameer Ahmed for Your GAE Procedure?

Dr. Sameer Ahmed is a renowned interventional radiologist with extensive experience in performing minimally-invasive procedures like GAE. At Insight Hospital, Dr. Ahmed and his team prioritize patient-centered care, tailoring treatments to meet the unique needs and health goals of each patient. Our state-of-the-art facilities and commitment to utilizing the latest technologies ensure that you receive the highest standard of care.

## **Our Approach**

Our approach to treating knee arthritis with GAE begins with a comprehensive assessment to determine if this procedure is right for you. Dr. Ahmed and his team will guide you through the process, explaining the benefits, potential risks, and what to expect during and after the procedure. Our goal is to ensure that you feel informed, comfortable, and supported throughout your journey to pain relief.

## **Conclusion**

Genicular Artery Embolization at Insight Hospital offers a promising solution for those suffering from knee arthritis, providing a minimally-invasive alternative to traditional treatments. Under the expert care of Dr. Sameer Ahmed and his team, you can look forward to a future with less pain and improved mobility. Contact us today to learn more about GAE and whether it's the right option for you.