Klinikum Mutterhaus
der Borromäerinnen

Transarterial Joint Embolization

New minimally invasive option for chronic joint pain

Do you suffer from chronic joint pain that does not improve despite physical therapy or medication?

Chronic joint pain can be exacerbated by osteoarthritis, irritation, or inflammatory changes in the blood vessels around the joint. If physical therapy, medication, or injections do not provide sufficient relief, a targeted embolization can be considered.

Typical Symptoms

- Chronic joint pain (especially knee, hip, shoulder) despite conservative therapy
- Pain triggered by physical exertion
- Irritation, tendency to swell, or inflammatory activity

What is joint embolization?

Through a fine catheter, small blood vessel branches around the joint with an abnormally increased blood supply are targeted and treated. The goal is to reduce pain and inflammatory activity.

Minimally invasive. Precisely image-guided.

PLEASE FEEL FREE TO CONTACT US.

Who is this method suitable for?

For patients with chronic shoulder, hip, or knee pain, especially involving osteoarthritis or inflammatory hypervascularization, when conservative measures do not provide enough relief or surgery is to be avoided.

How does the treatment work?

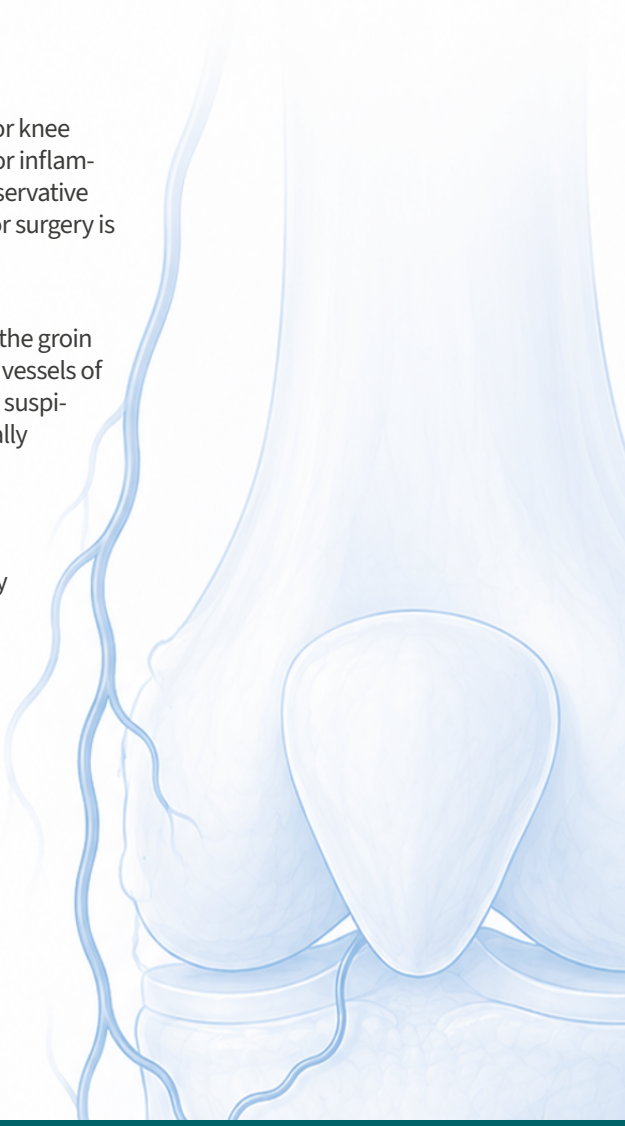
Through a small access point, usually in the groin or arm, a thin catheter is guided into the vessels of the affected joint. Under X-ray guidance, suspicious small vessel branches are specifically embolized.

Potential Benefits

- Joint-preserving approach
- Targeted treatment of inflammatorily active vessels
- Potential option before undergoing major surgical procedures

Important to know

This method is not suitable for every type of joint pain. The specific symptoms, imaging results, and prior orthopedic treatment are decisive factors.



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