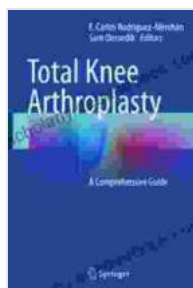


Total Knee Arthroplasty: A Comprehensive Guide to Surgical Treatment for Knee Arthritis

Total knee arthroplasty (TKA), also known as knee replacement surgery, is a surgical procedure to replace the damaged or worn-out knee joint with artificial components. TKA is a common treatment for severe knee arthritis, which is a condition that causes pain, swelling, and stiffness in the knee joint.

TKA is a major surgery, but it is generally considered to be safe and effective. The majority of patients who undergo TKA experience significant pain relief and improved function.

TKA is typically recommended for patients with severe knee arthritis who have not responded to conservative treatment measures, such as physical therapy, medication, and injections.



Total Knee Arthroplasty: A Comprehensive Guide

by Steven F. Viegas

★★★★★ 5 out of 5

Language : English

File size : 9811 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 606 pages



Some of the factors that may make you a candidate for TKA include:

- Severe pain that interferes with your daily activities
- Stiffness and swelling in the knee
- Difficulty walking or climbing stairs
- Deformity of the knee
- Failure of conservative treatment measures

There are two main types of TKA implants:

- **Cemented implants** are held in place with bone cement.
- **Uncemented implants** are held in place by the bone growing into the implant.

The type of implant that is used for your TKA will depend on your individual needs and preferences.

TKA is performed under general anesthesia. The surgeon will make an incision over the knee joint and remove the damaged or worn-out cartilage and bone. The artificial components of the knee joint are then inserted into the knee.

The surgical technique for TKA has evolved over the years. In the past, surgeons used a large incision and removed a significant amount of bone and cartilage. Today, surgeons use a smaller incision and preserve more of the natural bone and cartilage. This results in a faster recovery and a more natural-feeling knee.

After TKA, you will need to undergo a period of rehabilitation to help you regain your strength and range of motion. Rehabilitation typically begins the day after surgery.

During rehabilitation, you will work with a physical therapist to:

- Reduce pain and swelling
- Improve range of motion
- Strengthen the muscles around the knee
- Learn how to walk and climb stairs

Most patients are able to walk without assistance within a few weeks after surgery. However, it may take several months to regain your full strength and range of motion.

The majority of patients who undergo TKA experience significant pain relief and improved function. Most patients are able to return to their normal activities within a few months after surgery.

The long-term success of TKA depends on a number of factors, including the type of implant used, the surgical technique, and the patient's overall health.

Most TKA implants last for 15 to 20 years. However, some implants may need to be replaced sooner.

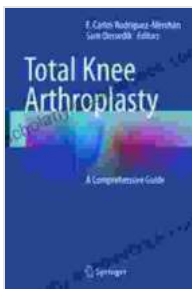
As with any major surgery, there are risks and complications associated with TKA. Some of the potential risks and complications include:

- Infection
- Blood clots
- Nerve damage
- Damage to the blood vessels
- Implant loosening
- Implant failure

The risk of these complications is relatively low. However, it is important to be aware of the potential risks before undergoing TKA.

TKA is a safe and effective surgical procedure to relieve pain and improve function in patients with severe knee arthritis. The majority of patients who undergo TKA experience significant pain relief and improved function.

If you are considering TKA, it is important to discuss the risks and benefits with your doctor.



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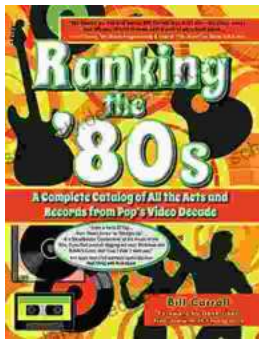
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