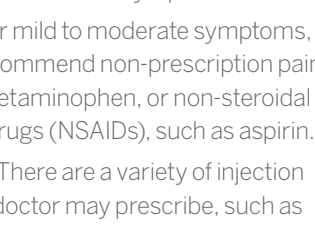


LONG-LASTING OA SYMPTOM RELIEF THAT REALLY GOES THE DISTANCE.

What is Knee Osteoarthritis (OA)?

In a healthy knee, a firm, rubbery material called cartilage covers the end of the femur (thigh bone) and the tibia (shin bone). Cartilage provides a smooth, gliding surface for joint motion and acts as a cushion between the bones.⁶



When osteoarthritis affects the knee joint, oftentimes inflammation and tissue degeneration occur. This inflammation and tissue breakdown create a degenerative feedback loop, resulting in pain, deformity, and loss of function.⁶

What Treatment Options Do I Have?

Age, gender, weight, injury, and overuse are just some of the common factors associated with knee osteoarthritis.⁶ While there is no cure for OA, there are a variety of treatment options available.

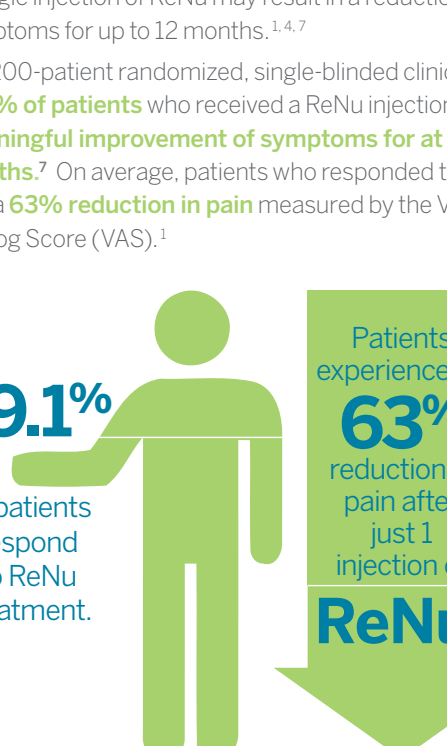
- **Conservative Treatment:** Your doctor may recommend low-impact physical activity, weight loss, bracing, or rest for mild OA symptoms.
- **Oral Analgesics:** For mild to moderate symptoms, your doctor may recommend non-prescription pain relievers, such as acetaminophen, or non-steroidal anti-inflammatory drugs (NSAIDs), such as aspirin.
- **Injection Therapy:** There are a variety of injection therapies that your doctor may prescribe, such as corticosteroids, hyaluronic acid (HA), platelet rich plasma (PRP), lipoaspirate, bone marrow aspirate (BMA), or an amniotic suspension allograft (ASA), such as **ReNu®**.
- **Surgery:** Total knee arthroplasty (TKA), or knee replacement surgery, is the last treatment option if other treatments are not effective.

What is ReNu®?

ReNu is a cryopreserved, amniotic suspension allograft consisting of micronized amniotic membrane and amniotic fluid cells. The amniotic membrane is the inner layer of the placenta, which surrounds and protects the fetus and acts as a barrier between the mother and the baby.² Amniotic tissue has been used successfully in medical care for more than 100 years.² Unlike other treatments, ReNu is naturally rich in multiple anti-inflammatory cytokines and regenerative growth factors, which are found natively in human amniotic tissues.^{1,2} ReNu also contains amniotic fluid cells,¹ extracellular matrix (ECM) proteins,¹ and a unique form of hyaluronic acid (a substance that acts as a lubricant and is naturally present in adult joints).^{1,2}

Is ReNu® Safe?

The amniotic tissues in ReNu are collected from fully consented mothers undergoing scheduled caesarean section births of full-term healthy babies. Donors are tested for relevant communicable diseases by an FDA registered laboratory, and Organogenesis only releases tissue for transplantation that has negative or non-reactive results for all tested communicable diseases. After screening, the amniotic tissue is aseptically processed in a controlled, clean environment following strict technical quality assurance standards.³



When Should I Consider ReNu®?

If you have been diagnosed with knee OA and have been experiencing symptoms such as pain or discomfort, but would like to delay surgical treatment options, ReNu may be right for you. If you want to avoid taking oral treatments, such as NSAIDs, or stay away from the potentially damaging long-term side effects of corticosteroid injections⁵, or simply haven't experienced sufficient relief from other options, you should consider talking with your doctor about ReNu. ReNu is different. It's long-lasting OA symptom relief that really goes the distance.

What are the Clinical Benefits of Using ReNu®?

A single injection of ReNu may result in a reduction of symptoms for up to 12 months.^{1,4,7}

In a 200-patient randomized, single-blinded clinical trial, **69.1% of patients** who received a ReNu injection **had meaningful improvement of symptoms for at least 6 months.**⁷ On average, patients who responded to ReNu had a **63% reduction in pain** measured by the Visual Analog Score (VAS).¹



What Should I Expect on the Day of Treatment with ReNu®?

- ReNu is administered in a quick and simple in-office procedure by your physician.
- Unlike some other injection options, ReNu treatment is given as just one injection.
- You should not feel significant discomfort when you receive ReNu, but your doctor may numb the area around the site of the injection with a local anesthetic to make sure that you are comfortable.
- Your doctor may recommend that you apply ice to the site of the injection for 10 to 15 minutes afterwards if you feel any discomfort.

What Should I Expect After My ReNu® Treatment?

- Avoid strenuous exercise, heavy lifting, or bending for at least 2 weeks after your injection.
- Your doctor may recommend an appropriate physical therapy program.

The ReNu® Difference

- **Nonsteroidal Treatment**
- **Single-Injection Therapy**
- **Natural Healing and Anti-Inflammatory Properties²**
- **Relief That May Last For Up to 1 Year^{1,4,7}**

To find out more about what ReNu® can do for you, talk to your physician today.