



Radiation Therapy for Osteoarthritis

Radiation therapy is an effective treatment option for osteoarthritis that offers several benefits for patients



For more information, or to schedule a personal consultation, please visit **Akumin.com** or call **866-977-0687**



RADIATION THERAPY FOR OSTEOARTHRITIS:

A Comprehensive Overview

There are millions of people worldwide living with osteoarthritis (OA). It is the most common form of arthritis, caused by the gradual breakdown of joint cartilage, leading to pain, stiffness, and reduced mobility. While medications, injections, and surgery are often used to alleviate symptoms, many patients struggle with persistent pain. Low-dose radiation therapy (LDRT) is an emerging treatment option for osteoarthritis that offers meaningful relief with minimal side effects.

ADVANTAGES OF RADIATION THERAPY:

- LDRT can reduce inflammation in affected joints, helping to relieve pain and stiffness while protecting surrounding healthy tissues.
- Compared to surgical interventions, LDRT is non-invasive and does not require anesthesia, hospitalization, or extended recovery time.
- For patients who have not responded well to medications, injections, or physical therapy, LDRT provides another safe and effective option.
- Radiation therapy can delay or reduce the need for joint replacement surgery in some patients.

EFFECTIVENESS OF RADIATION THERAPY:

- Studies in Europe and North America have shown that LDRT can significantly reduce joint pain and improve mobility in patients with osteoarthritis.
- Many patients report symptom relief that lasts for months or even years following treatment.
- LDRT has a long history of use in Europe as a supportive treatment for degenerative and inflammatory joint diseases.

CONCLUSION:

Radiation therapy is a safe, proven, and effective treatment option for osteoarthritis with minimal risks.

It offers many benefits such as no anesthesia or hospitalization, quick treatment sessions, and long-lasting relief from joint pain and stiffness. Radiation therapy improves quality of life for patients living with osteoarthritis and should be considered as part of a comprehensive treatment plan.

QUICK FACTS

no. 1

Osteoarthritis is the most common form of arthritis worldwide.

32.5 M

An estimated 32.5 million adults in the United States are living with osteoarthritis.

85%

Up to 85% of people over the age of 65 show evidence of osteoarthritis.



Disclaimer:

This information is for education only and is not meant to replace medical advice. Low-dose radiation therapy (LDRT) may not be right for everyone. Talk with your doctor or care team to find out if this treatment is a good option for you. Every patient is different, and results can vary.

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