

MEET McLAREN

LOW-DOSE RADIATION THERAPY FOR PAIN MANAGEMENT

McLaren Flint offers a non-cancer-related pain-relief treatment for inflammatory disorders and other benign conditions called low-dose radiation therapy (LDRT). It is best suited for chronic, refractory conditions where long-term stabilization is more important than rapid relief. Treatments take place at Karmanos Cancer Institute at McLaren Flint.

WHAT IS LDRT?

LDRT is a pain management treatment option for benign musculoskeletal disorders. It targets the biological drivers of chronic pain—persistent inflammation, immune imbalance, and fibroblast overgrowth—without destroying tissue. This makes it particularly valuable for inflammatory, degenerative, and proliferative conditions where conventional therapies fail or are not feasible.

HOW LOW-DOSE RADIATION THERAPY (LDRT) RELIEVES PAIN

Improved function and long-term stability can be attained through an individualized pain management care plan, resulting in:

Reduced Inflammation

- Less swelling, reduced pain signals

Modulation

- Calmer immune environment

Fibroblast Regulation

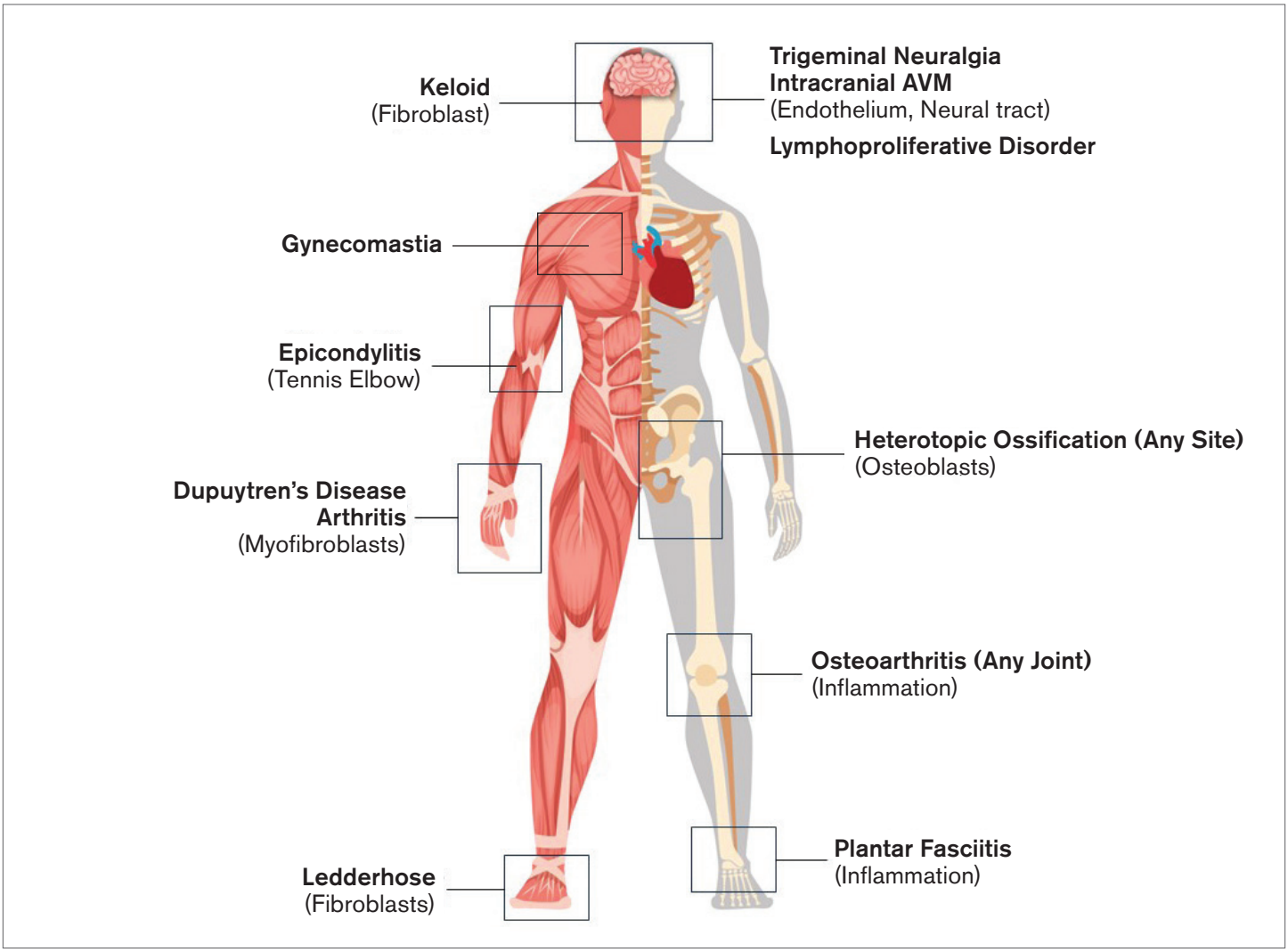
- Less stiffness, reduced nodules/scarring

Neurovascular Effects

- Reduced nerve pain, less edema

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Visit mclaren.org/careconnect for provider listings, additional oncology services, and referral forms.



RADIATION FOR BENIGN TREATMENTS AND OUTCOME TIMELINES

Keloid scars
- Immediate effect, durable >5 years

Gynecomastia
- Stabilization in months, lasting >5 years

Epicondylitis (tennis elbow)
- Relief in 8–12 weeks, lasting 2+ years

Dupuytren's contracture
- Stabilization after months, lasting 5–10 years

Ledderhose disease
- Relief in 8–12 weeks, lasting 2+ years

Trigeminal neuralgia
- Relief within weeks, lasting 1–2 years

Lymphoproliferative disorder
- Response within weeks, lasting years

Heterotopic ossification
- Immediate prevention, durable >5 years

Osteoarthritis
- Relief in 4–12 weeks, lasting 2–3 years

Plantar fasciitis
- Relief in 6–12 weeks, lasting 2+ years

CONTACT US

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