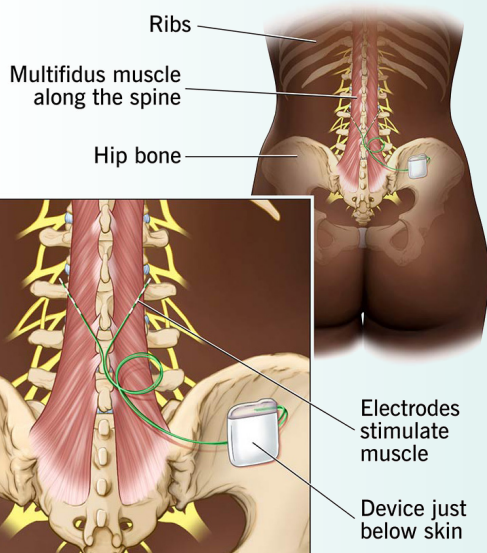




From Diagnosis to Solution — Our Experts Weigh In

Restorative Neurostimulation (ReActiv8)



SCIENCE MEETS COMPASSIONATE CARE

“For patients struggling with chronic low back pain — especially those where arthritis has weakened the spinal stabilizing muscles — **ReActiv8** offers a breakthrough that goes far beyond symptom management. Unlike temporary solutions, this therapy **targets the root cause**: muscle dysfunction due to nerve impairment. By restoring neural communication to the multifidus muscle, ReActiv8 helps the body heal from within, offering sustainable, **long-term relief without reliance on opioids** or repeated procedures. ReActiv8 is also called **restorative neurostimulation and multifidus stimulation**, is a surgically implanted device that helps manage chronic lower back pain. An **electrical impulse** activates your muscles to relieve pain. It's a **game-changer** for patients who've felt out of options.”



Dr Vanessa Perotti

BSc (Hons), MBBS, MHL, FRACS
(Neurosurgery)

MANAGEMENT OF DISPLACED OLECRANON FRACTURES IN THE ELDERLY: HAS THE PENDULUM SWUNG?

“Displaced olecranon fractures are common in the elderly due to osteoporosis and an increased falls risk. These fractures have traditionally been managed surgically to restore articular congruity and recreate the extensor (triceps) mechanism. However, poor bone quality and a fragile soft-tissue envelope make fracture fixation in this population challenging, with a reported complication rate as high as 80%. This has prompted consideration of conservative management of displaced olecranon fractures in the elderly. I had the privilege of being the **lead author of the SOFIE trial** which was recently published in the **Journal of Bone and Joint Surgery**. The Trial was conducted at **24 hospitals across Australia and New Zealand**. It is the first and so far, only prospective multicentre randomised controlled trial comparing surgical and conservative treatment of displaced olecranon fractures in patients over 75 years.

SUMMARY OF RESULTS:

- Better movement and function in the surgical group at 3 months.
- Better movement but no difference in function between the surgical and conservative groups at 12 months.

- No difference in complication rates between the surgical and conservative groups at 12 months. Does this mean every elderly patient with a displaced olecranon fracture should be managed conservatively? No. The **SOFIE trial supports conservative treatment** as a reasonable option in elderly patients with a **displaced olecranon fracture**. Based on the results, surgeons should individualise **treatment tailored to each patient's demands** as surgical treatment may be more appropriate for patients who desire an early recovery.”



Typical Displaced Olecranon Fracture



Dr Mithun Joshi

MBBS (Hons), FRACS (Orth),
FAOrthA

A NEW HOPE FOR KNEE ARTHRITIS

“Knee osteoarthritis is one of the most common and debilitating conditions I see in practice. It doesn't just limit mobility – it affects independence, mood, and quality of life. For many, the only definitive solution has been knee replacement – a major surgery usually reserved for older patients or those with advanced disease.

That's why I'm excited about the **Paradigm Phase 3 study on Pentosan Polysulfate Sodium (PPS)**, now underway. Early studies in animals showed promising signs of **cartilage regeneration** – a **potential game-changer** in a field long focused on symptom relief rather than repair.

We're exploring whether PPS can **rebuild cartilage, reduce pain, and delay or even prevent surgery**. If you're living with knee pain, consider joining this research – and be part of a medical breakthrough.”



Dr Jonathan Herald

MBBS, MSpMed, FRACS (Orth),
FAOrthA



Introducing Zilosul® – A New Hope in the Treatment of Knee Osteoarthritis

Developed by Paradigm Biopharmaceuticals, **Zilosul®** (also known as **Pentosan Polysulfate Sodium – PPS**) is a unique, semi-synthetic compound made from European beechwood. It mimics natural glycosaminoglycans (GAGs) – the building blocks of healthy cartilage.




Unlike standard treatments that only mask pain, **Zilosul®** may help repair the damage:

- **Blocks cartilage-degrading enzymes** (like MMP-13, ADAMTS-5).
- **Improves blood flow** to the joint.
- **Reduces pain and swelling.**
- **Shows signs of regenerating cartilage** in animal studies.

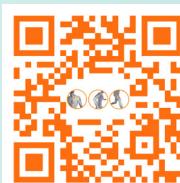
WHY JOIN THE STUDY?

- ✓ Phase 3 Clinical Trial now underway.
- ✓ Specifically for **knee osteoarthritis**.
- ✓ Focused on **regenerating cartilage**, not just relieving symptoms.
- ✓ **Completely free** – no cost to participate.
- ✓ Contribute to **groundbreaking research** that could help millions.

IF YOU'RE INTERESTED, CONTACT US:

 (02) 9233 3946

 info@orthoclinic.com.au



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