# CARTILAGE REPAIR WITHOUT COMPROMISE

## Professor Paul Lee

### Leading Expert in Injectable Cartilage Regeneration

*"Preserve your joints, avoid early replacement, and get back to doing what you love."*



## Who is Professor Paul Lee?

- Orthopaedic Surgeon, Engineer & Scientist with a PhD in Medical Engineering
- Over 20 years of experience in cartilage preservation and regenerative surgery
- Founder of the London Cartilage Clinic, Harley Street
- Recognised as an International Teaching Centre of Excellence for cartilage repair

## What is ChondroFiller®?

A pure collagen gel that can be injected directly into cartilage defects.

Delivered by keyhole surgery or targeted injection

Fills the defect and gels within minutes

Acts as a natural scaffold for your body's own cells to repair the joint

## Why Choose Injectable Cartilage Regeneration?

- **Minimally invasive** – no graft harvesting, no complex cell culture
- **Natural repair** – collagen scaffold supports healing from within
- **Faster recovery** – partial weight bearing within weeks
- **Proven results** – patients report less pain, better function, and improved MRI scans

London Cartilage

BOOK NOW

## Who Can Benefit?

- Active adults with localised cartilage injuries of the knee, hip, ankle, or thumb joint
- Patients seeking to avoid or delay joint replacement
- People who want to stay active, preserve movement, and prevent arthritis progression

## Why Harley Street?

**Professor Lee** combines:

- World-class surgical expertise
- AI-powered imaging & motion tracking (onMRI™ and MAI Motion®) to measure your recovery
- A patient-centred approach with international recognition in regenerative surgery

## Book your consultation with Professor Lee

London Cartilage Clinic, Harley Street

www.londoncartilage.com

0330 043 2571



**No GP referral required. Private patients welcome.**

London Cartilage Clinic

# Injectable Cartilage Regeneration with ChondroFiller®

**Referral Pathway to Professor Paul Lee – London Cartilage Clinic**





## About Professor Paul Lee

- Consultant Orthopaedic Surgeon, Engineer & Scientist (PhD Medical Engineering)
- Founder & Medical Director, London Cartilage Clinic (Harley Street)
- International authority on cartilage preservation and regenerative surgery
- Accredited ICRS Teaching Centre of Excellence

## What is ChondroFiller®?

CE-marked type-I collagen gel, injectable directly into cartilage defects

Delivered arthroscopically or fluoroscopically, gels in situ within minutes

Acts as a scaffold for host cell ingrowth and cartilage regeneration

Single-stage procedure – no graft harvest, no cell culture

## Indications

- Focal, contained grade III–IV chondral lesions
- Knee (condyle, trochlea, patella)
- Hip (acetabular FAI-related lesions)
- Ankle / talus osteochondral defects
- Thumb CMC joint (TMC OA) – percutaneous fluoroscopic infiltration

**Contra-indications: diffuse arthritis, unstable or uncontained lesions.**

## Clinical Evidence

- Knee/ankle cohorts: significant IKDC improvement; MRI defect fill at 12–24 months
- Hip (FAI): 95% achieved MCID; favourable MOCART MRI tissue integration at ~2 years
- TMC joint: fluoroscopic infiltration study reported pain/function improvement without device complications

**(References available on request; published in JCO&T, Osteoarthritis & Cartilage, Regenerative Medicine, etc.)**

## Rehabilitation Pathway

- 48-hour protection
- Phased partial loading over 2–4 weeks
- Return-to-sport guided by objective motion analysis (MAI Motion®)

- Designed by Prof Lee, Honorary Professor of Sports Medicine at the School of Sport, University of Lincoln , UK helping patients and premiership footballers to rehab and rebuild the body for the last 20 years

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