What is a Total Hip Replacement?

SCAN TO WATCH VIDEO

A total hip replacement removes damaged bone and cartilage from both the ball and the socket of the hip joint, replacing them with a precision-engineered prosthesis. The goal is to eliminate pain, restore full range of motion, and return the patient to an active and fulfilling life. It is one of the most successful and evidence-based operations in the history of surgery, with outcomes that transform patients' lives.

THE TECHNIQUE

01 Diagnosis & Planning
Weight-bearing X-ray confirms arthritis; 3D CT maps anatomy for planning.

02 The Surgical Procedure
Damaged femoral head and acetabulum removed and replaced.

03 Modular Prosthesis
Femoral stem, head, cup, and liner work together as a precision unit.

04 Recovery
12 weeks to approx 90% in most people. Walking generally begins the day of surgery.

AT A GLANCE

IMPLANT
Modular Prosthesis

BEARING
Ceramic & XLPE

FIXATION
Cementless

RECOVERY
6–12 Weeks

> "We remove what's painful
> and restore what's possible."
> — Dr Chien-Wen Liew

FREQUENTLY ASKED QUESTIONS

Q. How soon will I walk after a hip replacement?
Most patients are walking with assistance within hours of surgery. Independent walking without an aid typically occurs within 4–6 weeks.

Q. What is a cementless fixation?
A porous-coated implant that bonds to bone directly over time, avoiding cement and providing durable long-term biological fixation.

Q. What are the risks of a hip replacement?
All surgery carries risk. Serious complications are uncommon. Your anaesthetic and surgical team will discuss specific risks at your consultation.

ABOUT THE SURGEON
Dr Chien-Wen Liew exclusively performs total hip replacements via the direct anterior approach and total knee replacements via kinematic alignment only. He utilises patient-specific technology for both procedures, and practices from Orthopaedics 360 — within the Eastwood Private Hospital Precinct.

Dr Chien-Wen Liew

Hip and Knee Replacement Surgeon

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