



SCAN TO WATCH VIDEO

The Lateral Curved Knee Incision

The standard knee replacement incision is a straight midline scar. Dr Liew uses a lateral curved incision — a subtle but meaningful refinement that improves soft tissue handling, scar quality, and the aesthetic result. The curve follows the natural contour of the knee, producing a scar that heals more discreetly and sits more naturally on the front of the joint.

THE TECHNIQUE

01 Standard Midline Incision

Traditional straight scar from above the patella to the tibial tuberosity.

02 The Lateral Curve

A subtle outward curve at the lower end follows the knee's natural contour.

03 Soft Tissue Advantage

Improved lateral soft tissue cover over the incision line.

04 Cosmetic Outcome

The healed scar sits more discreetly and naturally on the knee.

AT A GLANCE

INCISION

Lateral Curved

SCAR

Discreet & Natural

ACCESS

Optimal

HEALING

Superior Cover

"The details of technique
matter even in the scar."

— Dr Chien-Wen Liew

FREQUENTLY ASKED QUESTIONS

Q. Does a curved incision change the clinical outcome?

The functional outcome is equivalent to a standard incision. The benefit is improved soft tissue coverage and a more discreet scar.

Q. Will the scar be visible?

Some scar will always be present after any knee replacement. The lateral curved technique produces a more natural appearance than a straight midline scar.

Q. How long does the scar take to mature?

Scars typically mature over 12–18 months. Sun protection and silicone gel can assist the final appearance.

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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