Disposable Instruments for Knee Replacement

SCAN TO READ MORE

Every knee replacement at Orthopaedics 360 is performed with a factory-fresh, single-use instrument set. This means every patient receives instruments that have never been used on another patient, never been reprocessed, and meet the same precision standards as the day they left the factory. It eliminates the risk of cross-contamination, instrument fatigue, and reprocessing variation — a meaningful step forward in both safety and precision.

THE TECHNIQUE

01 Single-Use Design
Each instrument kit is opened fresh for every procedure — never reused.

02 Factory Sterility
Sterilised at manufacture; no reprocessing variation.

03 Patient-Matched Sizing
Instrument sets are selected to match each patient's anatomy.

04 Precision Engineering
Factory tolerances maintained; no degradation from repeated reprocessing.

AT A GLANCE

STERILITY	100% Fresh
REUSE	Never
SIZING	Patient-Matched
PRECISION	Factory Standard

> "A fresh set of instruments for every single patient."
> — Dr Chien-Wen Liew

FREQUENTLY ASKED QUESTIONS

Q. Why use disposable instruments?
Disposable instruments guarantee sterility and precision for each patient, eliminating contamination risk and the subtle wear that reprocessed instruments accumulate.

Q. Is this standard practice across all hospitals?
No. It is an optional upgrade that Dr Liew considers essential. Most centres use reprocessed reusable instruments for cost reasons.

Q. Does this add to the cost of surgery?
The cost is incorporated into the surgical fee. The benefit in safety and precision is considered non-negotiable at Orthopaedics 360.

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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