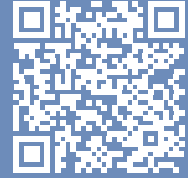


Direct Anterior Approach & the Traction Table



SCAN TO READ MORE

The direct anterior approach to hip replacement can be performed with or without a specialised traction table. Dr Liew uses a specialised carbon fibre table that enables comfortable positioning and superior performance for X-ray evaluation during surgery. The table provides controlled traction and rotation of the leg, enabling excellent visualisation and safe component placement. Intraoperative X-ray confirms implant positioning in real time — an important safety and accuracy measure.

THE TECHNIQUE

01 DAA Overview

Anterior access between muscle planes; no cutting.

02 Carbon Fibre Table

Specialised carbon fibre table for controlled limb positioning during surgery.

03 Benefits of Traction

Stable leg position, easier visualisation, intraoperative X-ray.

04 Dr Liew's Approach

Carbon fibre table used for every case to ensure consistent, precise placement.

AT A GLANCE

TABLE

Carbon Fibre

TRACTION

Controlled

X-RAY

Intraoperative

APPROACH

Standard for DAA

"The table gives control.

Control gives outcomes."

— Dr Chien-Wen Liew

FREQUENTLY ASKED QUESTIONS

Q. Can the anterior approach be done without a traction table?

Yes, but Dr Liew uses a specialised carbon fibre table for every case to ensure consistent leg positioning and real-time X-ray confirmation of component placement.

Q. What is intraoperative X-ray used for?

Fluoroscopy allows Dr Liew to verify leg length, offset, and cup position during surgery — reducing the risk of post-operative asymmetry.

Q. Does the table add risk?

The specialised carbon fibre table is purpose-built for this procedure. When used correctly by an experienced surgeon, it improves precision without adding meaningful risk.

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

Orthopaedics 360 · Eastwood Private Hospital, Adelaide SA

General educational purposes only. AHPRA Registered Specialist.