

Transaxillary Aortic Valve Replacement

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Setup and Equipment for Transaxillary Aortic Valve Replacement

Patient Positioning:

Supine position with the right side of the chest elevated using a pillow

Right arm placed in a javelin-thrower position

Anesthesia and Pacing:

General anesthesia with a double-lumen breathing tube

Surgical Field:

The operating field extends from the right posterior axillary line to the sternum and right groin

What you need:

femoral ECS
single lung ventilation
headlight
MICS-instruments
soft tissue retractor
CT scan

Damage reduction over the years



 Krankenhaus der
Barmherzigen Brüder Trier

Single incision – direct vision:

no fancy equipment needed
sternum kept untouched
RIMA stays alive
no rib dissection
patient physically not impaired
superior cosmesis

