

# Supracondylar Humerus K-wire Planning Report

Generated: 20251122\_125416



Original AP radiograph (unprocessed).

## Cross – 2 wires



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- Divergence angle: 108.4°
- Entry spread (rel. humerus width): 0.71
- Crossing height (relative): 0.28

### Pros:

- Good divergence ( $\geq 30^\circ$ ) – likely stable construct.
- Adequate lateral spread of entry points.

## Cross – 3 wires



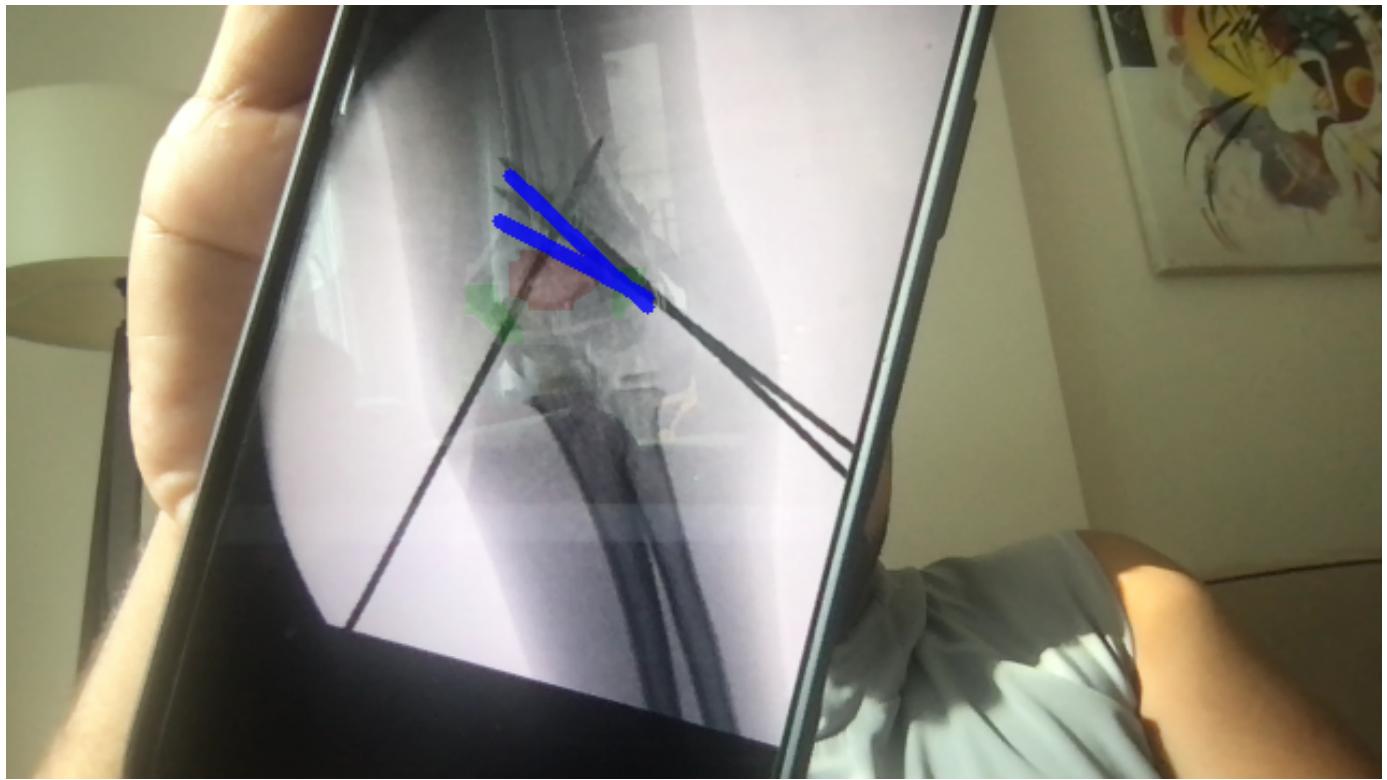
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## Lateral – 2 wires



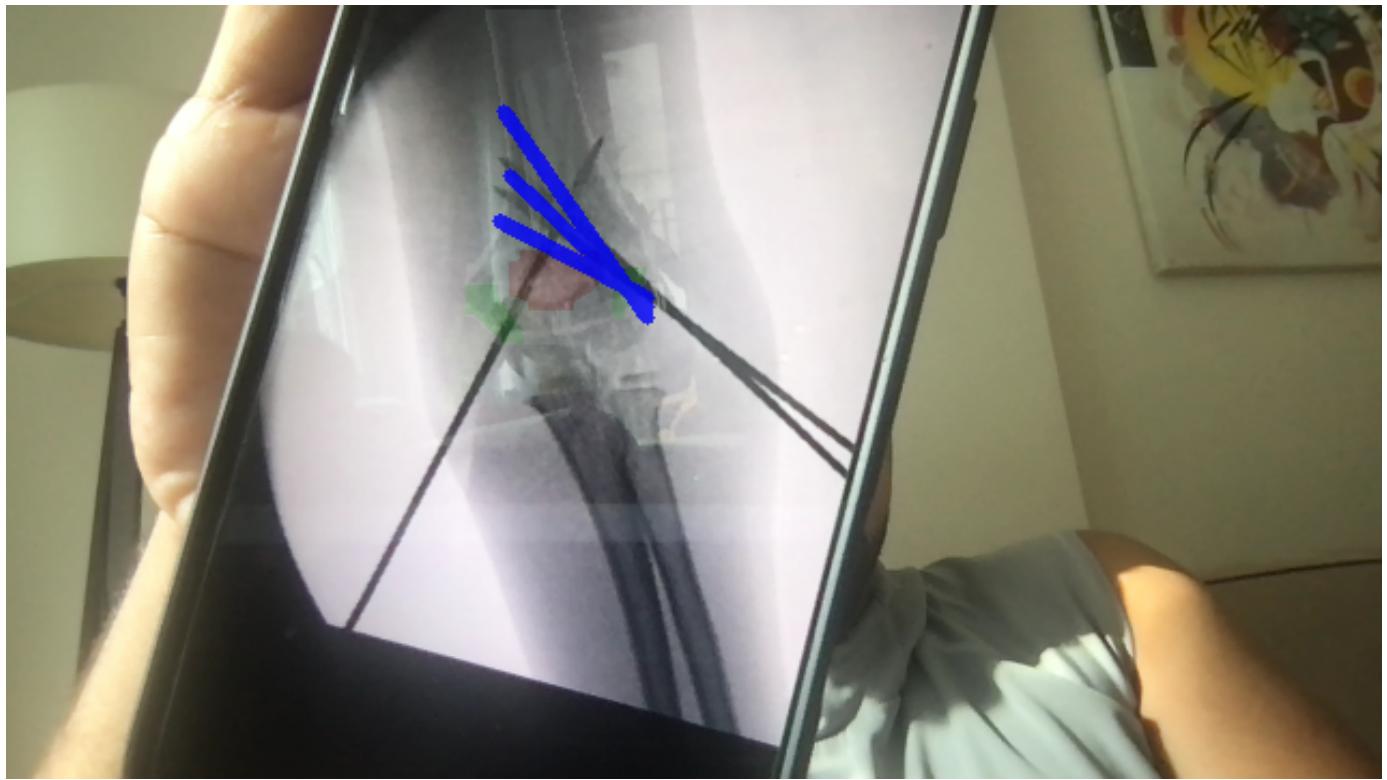
### Lateral – 2 wires

- Divergence angle: 16.1°
- Entry spread (rel. humerus width): 0.00
- Warnings: low\_divergence\_angle

### Cons:

- Low divergence (<30°) – potential mechanical weakness.
- Narrow entry spread – reduced buttressing.

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## Medial – 2 wires



### Medial – 2 wires

- Divergence angle: 12.1°
- Entry spread (rel. humerus width): 0.00
- Warnings: low\_divergence\_angle

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