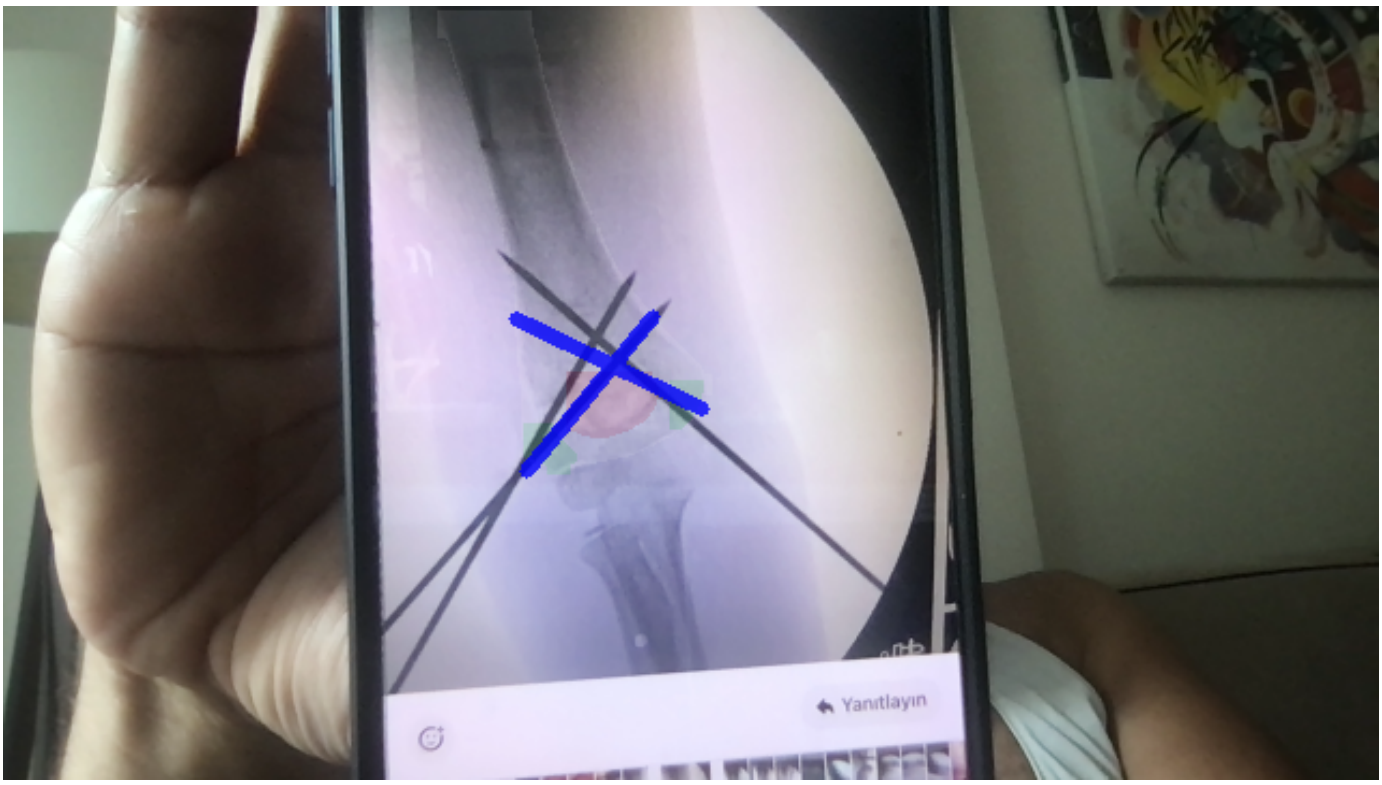
Supracondylar Humerus K-wire Planning Report

Generated: 20251122_122453

Original AP radiograph (unprocessed).



Cross – 2 wires

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- Divergence angle: 103.6°
- Entry spread (relative to humerus width): 0.50
- Crossing height (relative): 0.23
- Pros:
  • Good divergence (≥30°) – likely stable construct.
  • Adequate lateral spread of entry points.

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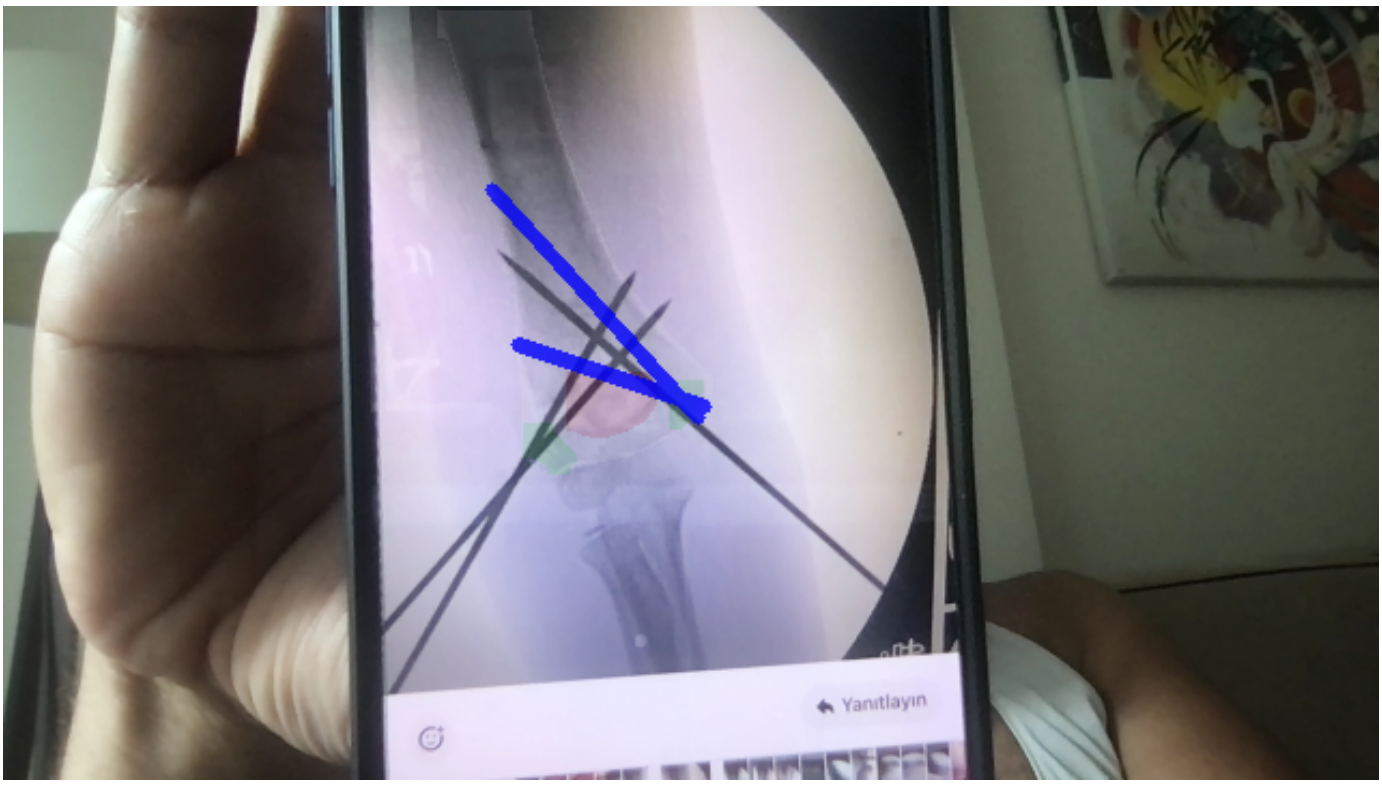

Lateral – 2 wires

Lateral – 2 wires:
- Divergence angle: 29.4°
- Entry spread (relative to humerus width): 0.02
- Warnings: low_divergence_angle
- Cons:
  • Low divergence (<30°) – potential mechanical weakness.
  • Narrow entry spread – reduced buttressing.

Lateral – 3 wires

Lateral – 3 wires:
- Divergence angle: 19.3°
- Entry spread (relative to humerus width): 0.04
- Warnings: low_divergence_angle
- Cons:
  • Low divergence (<30°) – potential mechanical weakness.
  • Narrow entry spread – reduced buttressing.