Wrist Fractures Treated with Surgeon Delivered Ultrasound Guided Supraclavicular Blocks:

Do We Still Need Anesthesiologists for Upper Extremity Surgery?

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We Know The Anatomy
- 0/1830 Anesthesia Related Complications
- 1,123 Females and 707 Males
- Average age 62 (27-97) years
- No preop anesthesia work up
- From Clinic to OR: 3 days
- Avg block time: 5.5 min
- Avg tourniquet: 24.5 min
- Avg time in ASC: 63 min
- 1,410 ASA 2 patients
- 420 ASA 3 patients
- 6 bilateral patients
- 1,751 achieved normal ROM (96%)
- Limitations of motion: 29 in wrist flexion/Extension, 22 with radial/ulnar deviation, 28 with pronation/supination.
- 2 transient unilateral phrenic nerve palsy
- 82 partial block failures
- No infections
- 5 patients with CRPS 1 (0.2%)
- 5 DVR plates removed (pain (3)/stiffness (1)/dorsal prominent peg (1))
Conclusions

- Safe
- Straightforward learning curve
- High patient satisfaction
- Expedites care
- No anesthesia delay
- No need for preop anesthesia workup
- Excellent Outcomes