

Anterior Approach to THA with PhotonSaber Y

White Paper: Anterior Approach to THA with PhotonSaber Y⁷

Purpose

- Quantify and qualify the clinical benefits of PhotonSaber Y in the Direct Anterior Approach to Total Hip Arthroplasty

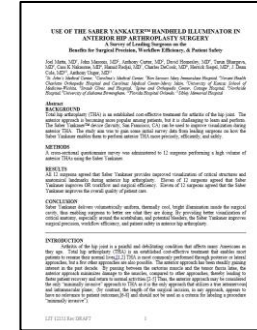
Method

- Survey of 12 orthopedic surgeons
- Target big name surgeons at high profile institutions with a minimum of 6 months experience with PhotonSaber Y

Surgeons Surveyed

1. Joel Matta
2. John Masonis
3. Anthony Carter
4. David Homesley
5. Tarun Bhargava
6. Cass Nakasone
7. Hamid Redjal
8. Charles DeCook
9. Herrick Siegel
10. JD Cole
11. Anthony Unger
12. Joseph Moskal

- Median 12 mos experience w/PhotonSaber
- 92% use anterior approach 90%+ of cases (primary and revision)
- 83% perform >200 anterior THA cases / year
- 93% feel anterior approach provides a competitive practice advantage



Key Results

PhotonSaber Y in Anterior THA⁷

Precision

- 100% - PhotonSaber Y improved visualization of critical structures and anatomic landmarks
- 83% - PhotonSaber Y overcomes challenge in visualization around acetabulum during exposure and preparation

Efficiency

- 92% - PhotonSaber Y improves surgical efficiency
- 100% - PhotonSaber Y improves surgical workflow
- 92% - PhotonSaber Y overcomes challenge in locating and controlling bleeders
- 6.5 minute decrease in median surgical time
- 75 mL decrease in median blood loss

Safety

- 83% - PhotonSaber Y improves patient safety
- 92% - PhotonSaber Y minimizes need to adjust headlights
- 83% - PhotonSaber Y serves as an “assistive technology” to prevent URFOs