

Supplemental Table 3: Demographics, wound characteristics, and visual outcomes of zone 3 (n=72) salvageable adult open globe injuries 2004-2014.

| | Regional Anesthesia | General Anesthesia |
|--|-----------------------------|--|
| Number of patients | 34/72 (47%) | 38/72 (53%) |
| Mechanism of injury | | |
| • Type 1 - Rupture | 18/32 (56%) | 21/37 (57%) |
| • Type 2 - Laceration | 8/32 (25%) | 9/37 (24%) |
| • Type 3 - IOFB | 4/32 (13%) | 5/37 (13%) |
| • Type 4 - Perforation | 1/32 (3%) | 1/37 (3%) |
| • Type 5 - Mixed | 1/32 (3%) | 1/37 (3%) |
| Length of Wound in millimeters | 12.8 ± 8.7 (n/N=12/34) | 16.8 ± 6.7 (n/N=13/38) (p=0.21)* |
| Procedure time in minutes | 79.0 ± 32.3 (n/N=34/34) | 105.5 ± 63.6 (n/N=38/38) (p=0.028)* |
| Mean Final visual acuity (N=42)** (Information available for 42 patients with zone 3 OGI) | | |
| • ≥ 20/400 (n/N=9/42) | 6/9 | 3/9 |
| • < 20/400 (n/N=33/42) | 17/33 | 16/33 |
| Mean Presenting visual acuity (LogMAR) Snellen equivalent | 2.4 ± 0.9 (n/N=27/34) HM | 2.9 ± 0.6 (n/N=34/38) LP |
| Mean Final visual acuity (LogMAR) Snellen equivalent | 2.2 ± 1.0 (n/N=24/34) HM | 2.6 ± 1.1 (n/N=24/38) HM |

CF- counting fingers, GA-general anesthesia, HM-hand motions, LP-light perception, NLP-no light perception, RA-MAC-regional anesthesia with monitored anesthesia care.

*p-values were obtained by comparison of RA-MAC group versus GA group.

**Although zone 3 open globe injury group included 72 patients, visual acuity at final follow-up was documented for 42 patients. Visual acuities recorded as CF, HM, LP, and NLP were converted to LogMAR values of 2, 2.3, 3 and 3.2 for the purposes of statistical analysis.