Appendix

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

Appendix 1:
ICD-10 codes related to orbital fractures
- S02.1 fracture of base of skull
- S02.3 fracture of orbital floor
- S02.7 multiple fractures involving the skull and facial bones
- S02.8 fractures of other skull and facial bones
- S02.9 fracture of skull and facial bones, part unspecified.

AR-DRG codes, descriptions and average cost per DRG
- B07A: Cranial or Peripheral Nerve and Other Nervous System Procedures, Major Complexity, $21,019
- B07B: Cranial or Peripheral Nerve and Other Nervous System Procedures, Minor Complexity, $6,334
- B79A: Skull Fractures, Major Complexity, $7,965
- B79B: Skull Fractures, Minor Complexity, $3,303

Costs associated with operative orbital fracture management was estimated to be the average of DRG codes B07A and B79A, totalling $14,492 per OF.
Similarly, costs associated with conservative orbital fracture management was estimated to be the average of DRG codes B07B and B79B, totalling $4,819 per OF.

Ambulance costs
The New South Wales state government subsidises 49% of the call-out charge for New South Wales residents requiring road assistance from the scene of an accident or injury to a public hospital. According to the Health Ambulance Service of NSW (http://www.ambulance.nsw.gov.au/Accounts--Fees/Fees-and-Charges.html), the call-out charge in 2016 was $364 with a variable rate of $3.29 per kilometre. Conservatively assuming the average distance travelled per trip to be 3 km, the average cost to the State government was estimated to be $183.20 and used in this analysis only for those requiring operative management.