



Appendix

**This appendix was part of the submitted manuscript and has been peer reviewed.
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Appendix to: Holmes RF, Lung T, Fulde GWO, Fraser CL. Fewer orbital fractures treated at St Vincent's Hospital after lock-out laws introduced in Sydney. *Med J Aust* 2018; 208: 174. doi: 10.5694/mja17.00564

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.