

## 2024 Pediatric Isolated Orbital Trauma Clinical Guideline



## Extra Ocular Muscle Entrapment Data

- 2% incidence out of all medial wall fractures
- 11% incidence out of all orbital floor fractures
- 11 % w/ entrapment have associate bradycardia
- 50% of entrapped fractures, radiology makes comment about entrapment
- 63% w/ entrapment have associated nausea and vomiting
- 89% w/ entrapment have altered EOM

Hink EM, Wei LA, Durairaj VD. Clinical features and treatment of pediatric orbit fractures. Ophthalmic Plast Reconstr Surg. 2014 Mar-Apr;30(2):124-31.3

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Etheridge T, Brintz BJ, Jensen MS, Peralta E, Ayesha A, Jebaraj A, Marx DP. Incidence and severity of asymptomatic ocular injury in adult and pediatric orbital fractures. Orbit. 2022 Jul 8:1-6. doi: 10.1080/01676830.2022.2095648. Epub ahead of print. PMID: 35801838.