

Posttraumatic cerebrospinal fluid (CSF) leakage

see [Traumatic cerebrospinal fluid rhinorrhea](#).

Case report

A 4-year-old child in whom a [penetrating trauma](#) to an immature [atlas](#) led to an unusual disjunction of the posterior [synchondrosis](#) with [atlas fracture](#) displacement of the posterior “hemiarch” that plunged into the [dura](#), resulting in a [cerebrospinal fluid fistula](#).

Praneeth et al. discussed the possible mechanism and considerations in the [management](#) of this unique presentation. Such an atypical fracture pattern involving the posterior hemi ring of the pediatric atlas is previously unknown ¹⁾

¹⁾

Praneeth K, Karthigeyan M, Salunke P, Ray N. Synchondral Fracture of the Posterior “Hemiarch” of Pediatric Atlas with Cerebrospinal Fluid Fistula following a Penetrating Neck Injury. *Pediatr Neurosurg*. 2019 Oct 10:1-4. doi: 10.1159/000503109. [Epub ahead of print] PubMed PMID: 31600753.

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