

Atlantooccipital dislocation clinical features

1. may be neurologically intact, therefore must be ruled out in any major trauma
2. bulbar-cervical dissociation
3. may have lower cranial nerve deficits (as well as VI palsies) \pm cervical cord injury
4. worsening neurologic deficit with the application of cervical traction: check lateral C-spine films immediately after applying traction.

see [Hypoglossal nerve palsy](#) in a case of spontaneous [atlantooccipital dislocation](#) - a rare clinical finding in a rare clinical entity. And its complete recovery following corrective surgery ¹⁾.

¹⁾

Uppar AM, Pruthi N. Hypoglossal nerve palsy in a case of spontaneous atlanto-occipital dislocation - a rare clinical finding in a rare clinical entity. And its complete recovery following corrective surgery. World Neurosurg. 2020 Jan 25. pii: S1878-8750(20)30139-X. doi: 10.1016/j.wneu.2020.01.121. [Epub ahead of print] PubMed PMID: 31991230.

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