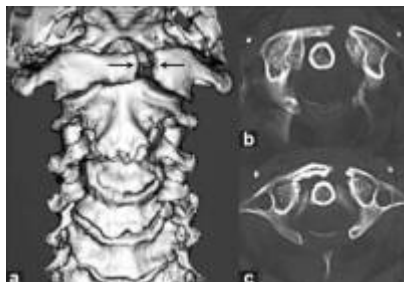


Landells Atlas Fractures Classification

Type I

[Atlas fractures](#) involving a single arch (31–45% of C1 fractures).

Isolated anterior or posterior arch fracture. A plough fracture is an isolated anterior arch fracture caused by a force driving the odontoid through the anterior arch. Treat with hard [cervical collar](#).



Type II

Burst fracture (37–51 %): the classic [Jefferson fracture](#).

Type III

Unilateral lateral mass fractures of the atlas (13–37%)

Stability determined by integrity of [transverse ligament](#) ¹⁾.

¹⁾

Landells CD, Van Peteghem PK. Fractures of the atlas: classification, treatment and morbidity. Spine (Phila Pa 1976). 1988 May;13(5):450-2. doi: 10.1097/00007632-198805000-00002. PMID: 3187689.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=landells_atlas_fractures_classification

Last update: **2024/06/07 02:52**

