

A ladder is a vertical or inclined set of rungs or steps. There are two types: rigid ladders that are self-supporting or that may be leaned against a vertical surface such as a wall, and rollable ladders, such as those made of rope or aluminium, that may be hung from the top. The vertical members of a rigid ladder are called stringers or rails (US) or stiles (UK). Rigid ladders are usually portable, but some types are permanently fixed to a structure, building, or equipment. They are commonly made of metal, wood, or fiberglass, but they have been known to be made of tough plastic.

Yoshitake et al., examined the clinical characteristics and outcomes of patients who had fallen from ladders and statistically analyzed the prognostic factors, highlighting the impact of the coexistence of [head injury](#) on their prognoses. The clinical [records](#) of patients who had experienced ladder-related falls who were admitted to the Advanced Emergency Medical Service Center at [Kurume University Hospital](#) between April 2013 and August 2015 were retrospectively reviewed. A total of 86 patients were enrolled. The mean patient age was 69.2 years, and 82 patients were male. The median fall height was 2.55 m. Sixty patients fell during non-professional use of the ladder. Forty-four patients experienced some type of head injury. Although the older patients had more frequent complications with head injuries, the height of the fall was not related statistically. The group of patients with head injuries exhibited trends of older age, lower Glasgow Coma Scale scores, higher [Injury Severity Score](#), and poorer outcomes than those of the group of patients without head injuries. Multivariate analysis showed that head injury and non-professional use were independent risk factors for poor outcomes. The results revealed that ladder-related falls with head injury can occur when older people are working at home, even if they have fallen from a low height. Especially when older men work with the ladder at home, local community-based education and guidance for the [prevention](#) of ladder-related fall injuries are needed ¹⁾

¹⁾

Yoshitake H, Miyagi N, Yoshitomi M, Komaki S, Nakamura Y, Yamamoto M, Kajiwarra S, Takasu O, Morioka M. [Head Injuries due to Ladder-related Falls]. No Shinkei Geka. 2018 Dec;46(12):1065-1071. doi: 10.11477/mf.1436203869. Japanese. PubMed PMID: 30572303.

From:

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

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=ladder>

Last update: **2024/06/07 02:51**

