

# Garden Classification of Femoral Neck Fractures

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The femoral neck is a critical part of the hip joint that connects the femoral head to the shaft of the femur. Fractures of this area can have serious consequences, including loss of blood supply to the femoral head and subsequent avascular necrosis (death) of the bone. The Garden Classification of Femoral Neck Fractures helps physicians classify these injuries and determine appropriate treatment options.

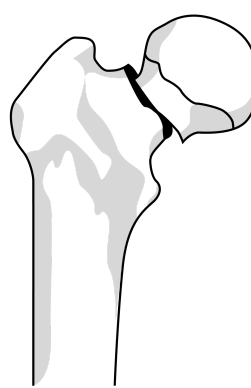
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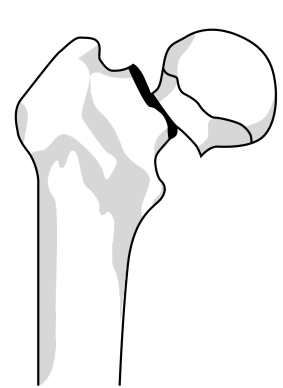
**Type I**



**Type II**



**Type III**



**Type IV**

Reference: Physiopedia. (n.d.). Femoral neck fractures. Retrieved May 31, 2024, from [https://www.physio-pedia.com/Femoral\\_Neck\\_Fractures](https://www.physio-pedia.com/Femoral_Neck_Fractures)

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- **Type I:** Incomplete or valgus impacted fractures, where the bone is cracked but not fully displaced. These fractures are stable.
- **Type II:** Complete fractures without any displacement, maintaining alignment.
- **Type III:** Complete fractures with partial displacement, where fragments are still partially in contact but misaligned.
- **Type IV:** Complete fractures with total displacement, leading to no contact between fracture ends and potential rotation of the femoral head back into the anatomical position within the acetabulum.