

## Types of fractures

A fracture is defined as a break in the normal continuity of the structure of bone

It can be partial or complete

A medical condition where the bone is either cracked or broken

Traumatic injuries account for the majority of fractures

### Causes of fractures

Direct force- the force is applied directly to the bone

Indirect force –the force is transmitted along with other parts of the body

Muscular violence –violent contraction of muscles in order to avoid falling e.g. quadriceps causing fractured patella

Muscle fatigue –deprives the bones of necessary support

Pathological – due to disuse of muscles leading to atrophy, bone demineralizing diseases or local disease

### classification of fractures

5 factors are taken into account when fractures are classified.

1. The name of the bone
2. The location on the bone
3. The type of fracture
4. The group/ shape (Like a spiral fracture)
5. The subgroups, which looks at factors like the displacement or if there is shortening

Classification can also either be orthopedics or anatomical

### Anatomical classification

Anatomical classification is based on the body part affected.