**FRACTURES AND RELATED TERMS**

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| LATIN  | ENGLISH | EXPLANATION | EXAMPLE |
| **General terms** |
| ***fractura, ae, f./fractura completa*** completus, a, umlateris dextrilateris sinistrilateris utriusque = bilateralisbilateralis, e bilateral, on both sides | fracture/complete fracture  | complete break resulting in bone being separated into two or more pieces | * *Fractura femoris/humeri/malleoli/rami ossis pubis.....*
* *Fractura claviculae compl.*
* *Fractura femoris l. dx./l. sin./l. utque(utr.)*
 |
| ***fractus, a, um***annus, i, m. yearante annos years ago | broken | adj. | * *Digitus minimus pedis fractus*
* *Ulna sinistra fracta ante annos*
 |
| **Classification of fractures by the cause** |
| ***fractura traumatica*** traumaticus, a, um | traumatic fracture | caused by trauma, e. g. car accident | * *Fractura vertebrae thoracicae traumatica*
 |
| ***fractura pathologica****/****spontanea***pathologicus, a, umspontaneus, a, um | pathological fracturespontaneous fracture | occurs on a weakened bone, and thus caused by some underlying disease, e. g. osteoporosis | * *Osteoporosis cum fractura pathologica*
* *Fractura colli femoris l. sin. spontanea*
 |
| **Classification of fractures by severity of the injury to soft tissues surrounding the bone** |
| ***fractura aperta/complicata***apertus, a, umcomplicatus, a, um | open/compound/complicated fracture  | bone(s) protrude(s) through the skin | * *Fractura digiti V. (quinti)manus l. dx. aperta/complicata*
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| ***fractura clausa/simplex***clausus, a, umsimplex, cis | closed/simple/uncomplicated fracture | skin remains intact | * *Fractura tibiae clausa/simplex*
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| **Classification of fractures by the number of fracture lines** |
| ***fractura simplex***simplex, cis | simple fracture | one fracture line | * *Fractura simplex humeri*
 |
| ***fracturae multiplices***multiplex, cis | multiple fractures | up to six fracture lines/bone pieces | * *Fracturae costarum l. dx. multipl.*
 |
| ***fractura comminutiva***comminutivus, a, um | comminuted fracture | the bone is splintered or crushed into numerous (> 6) pieces | * *Fract. capitis mandibulae l. sin. comminutiva*
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| **Classification by the contour of the fraction line** |
| ***fractura transversa***transversus, a, um | transverse fracture | fracture line is straight across the bone | * *Fractura femoris l. dx. transversa*
 |
| ***fractura obliqua***obliquus, a, um | oblique fracture | slanted fracture line | * *Fractura diaphysis (diaphyseos) humeri dx. obliqua*
 |
| ***fractura spiralis***spiralis, e | spiral fracture | fracture line spirals down the bone | * *Fractura spiralis tibiae l. sin.*
 |
| ***fractura longitudinalis***longitudinalis, e | linear fracture | fracture line runs parallel to the long axis of the bone | * *Fractura longitudinalis tibiae l. dx.*
 |
| ***fractura compressiva***compressivus, a, um | compression fracture | bone (especially short bone) collapses | * *Fractura compressiva corporis vertebrae*
 |
| ***fractura impressiva***impressivus, a, um | depressed fracture | bone is pushed in (esp. skull and shoulder blade fractures) | * *Fractura impressiva ossis frontalis l. sin.*
 |
| ***fractura incuneata*** | overriding fracture | bone fragments overlap one another | * *Fractura femoris incuneata*
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| **Classification of fractures by the level of bone defect** |
| ***infractio, onis, f./fractura partialis/fractura incompleta***incompletus, a, umpartialis, e | partial breakage, partial/incomplete fracture | partial breakage of bone, sometimes called a greenstick fracture | * *Infractio sterni*
* *Fractura radicis dentis permanentis incompl.*
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| ***fractura xxx sine dislocatione***dislocatio, onis, f. displacement | no displacement (of bone fragments) | no abnormal position of bone fragments | * *Fractura calcanei l. dx. sine disloc.*
 |
| ***fractura xxx cum dislocatione*** | displacement (of bone fragments) | abnormal position of bone fragments | * *Fractura humeri l. sin. cum disloc.*
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| ***fractura xxx cum dislocatione ad axim***axis, is, m. | displacement (of bone fragments) with angulation |  |  |
| ***fractura xxx cum dislocatione ad latus***latus, eris, n*.* | lateral displacement (of bone fragments)  |  |  |
| ***fractura xxx cum dislocatione ad longitudinem cum***  *1. distractione* *2. contractione* *3. implantatione*longitudo, dinis, f. lengthdistractio, onis, f. distractioncontractio, onis, f. contractionimplantatio, onis, f. impaction | displacement (of bone fragments) in the length with 1. distraction 2. contraction 3. impaction  | bone fragments are 1. moved away from each other2. moved towards each other3. driven into each other |  |