**FRACTURES AND RELATED TERMS**

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| LATIN | ENGLISH | EXPLANATION | EXAMPLE |
| **General terms** | | | |
| ***fractura, ae, f./fractura completa***  completus, a, um  lateris dextri  lateris sinistri  lateris utriusque = bilateralis  bilateralis, 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. year  ante 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, um  spontaneus, a, um | pathological fracture  spontaneous 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, um  complicatus, a, um | open/compound/complicated fracture | bone(s) protrude(s) through the skin | * *Fractura digiti V. (quinti)manus l. dx. aperta/complicata* |
| ***fractura clausa/simplex***  clausus, a, um  simplex, cis | closed/simple/uncomplicated fracture | skin remains intact | * *Fractura tibiae clausa/simplex* |
| **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* |
| **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* |
| **Classification of fractures by the level of bone defect** | | | |
| ***infractio, onis, f./fractura partialis/fractura incompleta***  incompletus, a, um  partialis, e | partial breakage, partial/incomplete fracture | partial breakage of bone, sometimes called a greenstick fracture | * *Infractio sterni* * *Fractura radicis dentis permanentis incompl.* |
| ***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.* |
| ***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. length  distractio, onis, f. distraction  contractio, onis, f. contraction  implantatio, 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 other  2. moved towards each other  3. driven into each other |  |