**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  *inveteratus, a, um* old, not healed properly | broken | adj. | *Digitus minimus pedis fractus*  *Ulna sinistra fracta ante annos* |
| **Classification of fractures by the cause** | | | |
| ***fractura traumatica***  traumaticus, a, um | traumatic fracture | one caused by trauma, e. g. car accident | *Fractura vertebrae thoracicae traumatica* |
| ***fractura pathologica****/****spontanea***  pathologicus, a, um  spontaneus, a, um | pathological fracture  spontaneous fracture | one occurred 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, icis* | 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 (more than six) 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 | oblique 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 | fracture in which the bone collapses (often caused by osteoporosis) | *Fractura compressiva corporis vertebrae C4* |
| ***fractura impressiva***  impressivus, a, um | depressed fracture | fracture in which the fragment is depressed below the normal surface (mostly skull and shoulder blade fractures) | *Fractura impressiva ossis frontalis l. sin.* |
| ***fractura incuneata***  incuneatus, a, um | wedge fracture | fracture in which bone fragments overlap one another (often caused by osteoporosis, mostly of vertebras and necks of femurs) | *Fractura colli femoris l. dx. incuneata pathologica* |
| **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. (= luxatio, onis, f.)* displacement | fracture of xxx without displacement (of bone fragments) | no abnormal position of bone fragments | *Fractura calcanei l. dx. sine disloc.* |
| ***fractura xxx cum dislocatione*** | fracture of xxx with displacement (of bone fragments) | abnormal position of bone fragments | *Fractura humeri l. sin. cum disloc.* |
| ***fractura xxx cum dislocatione ad axim***  *axis, is, m.* | fracture of xxx with displacement (of bone fragments) with angulation |  |  |
| ***fractura xxx cum dislocatione ad latus***  *latus, eris, n.* | fracture of xxx with 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.* implantation, impaction | fracture of xxx with 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 |  |