**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, umspontaneus, a, um | pathological fracturespontaneous 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, umcomplicatus, 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, umpartialis, 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 with1. distraction2. contraction3. impaction  | bone fragments are 1. moved away from each other2. moved towards each other3. driven into each other |  |