

## FRACTURES AND RELATED TERMS

LATIN	ENGLISH	EXPLANATION	EXAMPLE
<b>General terms</b>			
<b>fractura, ae, f./fractura completa</b> 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	<ul style="list-style-type: none"> <li>• <i>Fractura femoris/humeri/malleoli/rami ossis pubis.....</i></li> <li>• <i>Fractura claviculae compl.</i></li> <li>• <i>Fractura femoris l. dx./l. sin./l. utque(utr.)</i></li> </ul>
<b>fractus, a, um</b> annus, i, m. year ante annos years ago	broken	adj.	<ul style="list-style-type: none"> <li>• <i>Digitus minimus pedis fractus</i></li> <li>• <i>Ulna sinistra fracta ante annos</i></li> </ul>
<b>Classification of fractures by the cause</b>			
<b>fractura traumatica</b> traumaticus, a, um	traumatic fracture	caused by trauma, e. g. car accident	• <i>Fractura vertebrae thoracicae traumatica</i>
<b>fractura pathologica/spontanea</b> 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	<ul style="list-style-type: none"> <li>• <i>Osteoporosis cum fractura pathologica</i></li> <li>• <i>Fractura colli femoris l. sin. spontanea</i></li> </ul>
<b>Classification of fractures by severity of the injury to soft tissues surrounding the bone</b>			
<b>fractura aperta/complicata</b> apertus, a, um complicatus, a, um	open/compound/complicated fracture	bone(s) protrude(s) through the skin	• <i>Fractura digiti V. (quinti)manus l. dx. aperta/complicata</i>
<b>fractura clausa/simplex</b> clausus, a, um simplex, cis	closed/simple/uncomplicated fracture	skin remains intact	• <i>Fractura tibiae clausa/simplex</i>
<b>Classification of fractures by the number of fracture lines</b>			
<b>fractura simplex</b> simplex, cis	simple fracture	one fracture line	• <i>Fractura simplex humeri</i>
<b>fracturae multiplices</b> multiplex, cis	multiple fractures	up to six fracture lines/bone pieces	• <i>Fracturae costarum l. dx. multipl.</i>
<b>fractura comminutiva</b> comminutivus, a, um	comminuted fracture	the bone is splintered or crushed into numerous (> 6) pieces	• <i>Fract. capitis mandibulae l. sin. comminutiva</i>
<b>Classification by the contour of the fracture line</b>			
<b>fractura transversa</b> transversus, a, um	transverse fracture	fracture line is straight across the bone	• <i>Fractura femoris l. dx. transversa</i>

<b>fractura obliqua</b> obliquus, a, um	oblique fracture	slanted fracture line	• <i>Fractura diaphysis (diaphyseos) humeri dx. obliqua</i>
<b>fractura spiralis</b> spiralis, e	spiral fracture	fracture line spirals down the bone	• <i>Fractura spiralis tibiae l. sin.</i>
<b>fractura longitudinalis</b> longitudinalis, e	linear fracture	fracture line runs parallel to the long axis of the bone	• <i>Fractura longitudinalis tibiae l. dx.</i>
<b>fractura compressiva</b> compressivus, a, um	compression fracture	bone (especially short bone) collapses	• <i>Fractura compressiva corporis vertebrae</i>
<b>fractura impressiva</b> impressivus, a, um	depressed fracture	bone is pushed in (esp. skull and shoulder blade fractures)	• <i>Fractura impressiva ossis frontalis l. sin.</i>
<b>fractura incuneata</b>	overriding fracture	bone fragments overlap one another	• <i>Fractura femoris incuneata</i>
<b>Classification of fractures by the level of bone defect</b>			
<b>infractio, onis, f./fractura partialis/fractura incompleta</b> incompletus, a, um partialis, e	partial breakage, partial/incomplete fracture	partial breakage of bone, sometimes called a greenstick fracture	• <i>Infractio sterni</i> • <i>Fractura radice dentis permanentis incompl.</i>
<b>fractura xxx sine dislocatione</b> dislocatio, onis, f. displacement	no displacement (of bone fragments)	no abnormal position of bone fragments	• <i>Fractura calcanei l. dx. sine disloc.</i>
<b>fractura xxx cum dislocatione</b>	displacement (of bone fragments)	abnormal position of bone fragments	• <i>Fractura humeri l. sin. cum disloc.</i>
<b>fractura xxx cum dislocatione ad axim</b> axis, is, m.	displacement (of bone fragments) with angulation		
<b>fractura xxx cum dislocatione ad latus</b> latus, eris, n.	lateral displacement (of bone fragments)		
<b>fractura xxx cum dislocatione ad longitudinem cum</b> 1. <i>distractio</i> 2. <i>contractio</i> 3. <i>implantatio</i> 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. <i>distractio</i> 2. <i>contractio</i> 3. <i>impaction</i>	bone fragments are 1. moved away from each other 2. moved towards each other 3. driven into each other	