

## FRACTURES AND RELATED TERMS

LATIN	ENGLISH	EXPLANATION	EXAMPLE
<b>General terms</b>			
<b>fractura, ae, f./fractura completa</b> completus, a, um  <i>lateris dextri</i> <i>lateris sinistri</i> <i>lateris utriusque = bilateralis</i> <i>bilateralis, e</i> bilateral, on both sides	fracture/complete fracture	complete break resulting in bone being separated into two or more pieces	<i>Fractura femoris/humeri/malleoli/rami ossis pubis.....</i>  <i>Fractura claviculae compl.</i> <i>Fractura femoris l. dx./l. sin./l. utque(utr.)</i>
<b>fractus, a, um</b>  <i>annus, i, m.</i> year <i>ante annos</i> years ago <i>inveteratus, a, um</i> old, not healed properly	broken	adj.	<i>Digitus minimus pedis fractus</i>  <i>Ulna sinistra fracta ante annos</i>
<b>Classification of fractures by the cause</b>			
<b>fractura traumatica</b> traumaticus, a, um	traumatic fracture	one 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	one occurred on a weakened bone, and thus caused by some underlying disease, e. g. osteoporosis	<i>Osteoporosis cum fractura pathologica</i> <i>Fractura colli femoris l. sin. spontanea</i>
<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> <i>clausus, a, um</i> <i>simplex, cis</i>	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>	simple fracture	one fracture line	<i>Fractura simplex humeri</i>

<i>simplex, cis</i>			
<b><i>fracturae multiplices</i></b> <i>multiplex, icis</i>	multiple fractures	up to six fracture lines/bone pieces	<i>Fracturae costarum l. dx. multipl.</i>
<b><i>fractura comminutiva</i></b> <i>comminutivus, a, um</i>	comminuted fracture	the bone is splintered or crushed into numerous (more than six) pieces	<i>Fract. capitis mandibulae l. sin. comminutiva</i>
<b>Classification by the contour of the fraction line</b>			
<b><i>fractura transversa</i></b> <i>transversus, a, um</i>	transverse fracture	fracture line is straight across the bone	<i>Fractura femoris l. dx. transversa</i>
<b><i>fractura obliqua</i></b> <i>obliquus, a, um</i>	oblique fracture	oblique fracture line	<i>Fractura diaphysis (diaphyseos) humeri dx. obliqua</i>
<b><i>fractura spiralis</i></b> <i>spiralis, e</i>	spiral fracture	fracture line spirals down the bone	<i>Fractura spiralis tibiae l. sin.</i>
<b><i>fractura longitudinalis</i></b> <i>longitudinalis, e</i>	linear fracture	fracture line runs parallel to the long axis of the bone	<i>Fractura longitudinalis tibiae l. dx.</i>
<b><i>fractura compressiva</i></b> <i>compressivus, a, um</i>	compression fracture	fracture in which the bone collapses (often caused by osteoporosis)	<i>Fractura compressiva corporis vertebrae C4</i>
<b><i>fractura impressiva</i></b> <i>impressivus, a, um</i>	depressed fracture	fracture in which the fragment is depressed below the normal surface (mostly skull and shoulder blade fractures)	<i>Fractura impressiva ossis frontalis l. sin.</i>
<b><i>fractura incuneata</i></b> <i>incuneatus, a, um</i>	wedge fracture	fracture in which bone fragments overlap one another (often caused by osteoporosis, mostly of vertebrae and necks of femurs)	<i>Fractura colli femoris l. dx. incuneata pathologica</i>
<b>Classification of fractures by the level of bone defect</b>			
<b><i>infractio, onis, f./fractura partialis/fractura incompleta</i></b>  <i>incompletus, a, um</i> <i>partialis, e</i>	partial breakage, partial/incomplete fracture	partial breakage of bone, sometimes called a greenstick fracture	<i>Infractio sterni</i> <i>Fractura radices dentis permanentis incompl.</i>
<b><i>fractura xxx sine dislocatione</i></b> <i>dislocatio, onis, f. (= luxatio, onis, f.)</i>	fracture of xxx without displacement (of bone	no abnormal position of bone fragments	<i>Fractura calcanei l. dx. sine disloc.</i>

displacement	fragments)		
<b>fractura xxx cum dislocatione</b>	fracture of xxx with 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> <i>axis, is, m.</i>	fracture of xxx with displacement (of bone fragments) with angulation		
<b>fractura xxx cum dislocatione ad latus</b> <i>latus, eris, n.</i>	fracture of xxx with 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>  <i>longitudo, dinis, f.</i> length <i>distractio, onis, f.</i> distraction <i>contractio, onis, f.</i> contraction <i>implantatio, onis, f.</i> implantation, impaction	fracture of xxx with 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	