

## 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	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> <i>simplex, cis</i>	simple fracture	one fracture line	<i>Fractura simplex humeri</i>

<b>fracturae multiplices</b> <i>multiplex, cis</i>	multiple fractures	up to six fracture lines/bone pieces	<i>Fracturae costarum l. dx. multipl.</i>
<b>fractura comminutiva</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>fractura transversa</b> <i>transversus, a, um</i>	transverse fracture	fracture line is straight across the bone	<i>Fractura femoris l. dx. transversa</i>
<b>fractura obliqua</b> <i>obliquus, a, um</i>	oblique fracture	slanted fracture line	<i>Fractura diaphysis (diaphyseos) humeri dx. obliqua</i>
<b>fractura spiralis</b> <i>spiralis, e</i>	spiral fracture	fracture line spirals down the bone	<i>Fractura spiralis tibiae l. sin.</i>
<b>fractura longitudinalis</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>fractura compressiva</b> <i>compressivus, a, um</i>	compression fracture	fracture in which the bone (especially short bone) collapses	<i>Fractura compressiva corporis vertebrae</i>
<b>fractura impressiva</b> <i>impressivus, a, um</i>	depressed fracture	fracture in which the bone is pushed in (predominantly skull and shoulder blade fractures)	<i>Fractura impressiva ossis frontalis l. sin.</i>
<b>fractura incuneata</b>	overriding fracture	fracture in which 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> <i>incompletus, a, um partialis, e</i>	partial breakage, partial/incomplete fracture	partial breakage of bone, sometimes called a greenstick fracture	<i>Infractio sterni Fractura radialis dentis permanentis incompl.</i>
<b>fractura xxx sine dislocatione</b> <i>dislocatio, onis, f. displacement</i>	fracture of xxx without displacement (of bone fragments)	no abnormal position of bone fragments	<i>Fractura calcanei l. dx. sine disloc.</i>
<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</b>	fracture of xxx with		

<b>axim</b> <i>axis, is, m.</i>	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>distractione</i> 2. <i>contractione</i> 3. <i>implantatione</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. distraction 2. contraction 3. impaction	bone fragments are  1. moved away from each other 2. moved towards each other 3. driven into each other	