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# X-linked osteoporosis with fractures

INSERM

## Source

INSERM. (1999). *Orphanet: an online rare disease and orphan drug data base. X-linked osteoporosis with fractures. ORPHA:391330*

X-linked osteoporosis with fractures is a rare, genetic, primary bone dysplasia with decreased bone density disorder characterized by childhood-onset osteoporosis associated with recurrent, multiple, osteoporotic, long bone fractures and/or vertebral compression fractures, significant height loss in adulthood, low bone mineral density scores, and otherwise no other abnormalities. Heterozygote females may be unaffected or have a milder phenotype.