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# Alpha-thalassemia-related diseases

INSERM

## Source

*INSERM. (1999). Orphanet: an online rare disease and orphan drug data base. [Alpha-thalassemia-related diseases](#). ORPHA:232288*

This term refers to a group of diseases characterized by alpha-thalassemia and an associated disorder. Three conditions are included in this group: alpha thalassemia - X-linked intellectual deficit (or ATR-X syndrome), alpha-thalassemia-intellectual deficit syndrome (or ATR-16 syndrome) and alpha-thalassemia-myelodysplastic disease (or AT MDS; see these terms).\*