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# Multicentric osteolysis-nodulosis-arthropathy spectrum

INSERM

## Source

*INSERM. (1999). Orphanet: an online rare disease and orphan drug data base.*

*Multicentric osteolysis-nodulosis-arthropathy spectrum. ORPHA:371428*

Multicentric osteolysis-nodulosis-arthropathy (MONA) spectrum is a rare genetic chronic skeletal disorder characterized by peripheral osteolysis (especially carpal and tarsal bones), interphalangeal joint erosions, subcutaneous fibrocollagenous nodules, facial dysmorphism, and a wide range of associated manifestations.