

Misdiagnosed conditions prior to Morquio A (MPS IVA) diagnosis¹

Misdiagnosis	N (%)
Spondyloepiphyseal dysplasias	5 (28)
Gibbus/kyphosis	5 (28)
Scoliosis	3 (17)
Craniosynostosis	2 (11)
Advanced bone/dental age	2 (11)
Overgrowth	2 (11)
Genu valgum	2 (11)
Corneal opacity	2 (11)
Cardiac conduction abnormality	2 (11)
Legg-Calvé-Perthes disease	1 (6)
Leri-Weill syndrome	1 (6)
Marfan syndrome	1 (6)
Sotos syndrome	1 (6)
Pseudoachondroplasia	1 (6)
Truncal hypotonia	1 (6)
Hypertelorism	1 (6)
Splenomegaly	1 (6)
Growth hormone deficiency	1 (6)
Torticollis	1 (6)
Sleep obstruction (snoring)	1 (6)
Cervical lymphadenopathy	1 (6)
Apnea/hypopnoea	1 (6)
Rheumatoid arthritis	1 (6)
Harrison sulcus	1 (6)
Lumbar lordosis	1 (6)
Reversed madelung deformity	1 (6)
Autism	1 (6)

Adapted from Bhattacharaya, *Orphanet J Rare Dis*, 2014.

Abbreviation: MPS, mucopolysaccharidosis.

Reference: 1. Bhattacharya K, Balasubramaniam S, Choy YS, et al. Overcoming the barriers to diagnosis of Morquio A Syndrome. *Orphanet J Rare Dis*. 2014;9:192.

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