

NOONAN SYNDROME

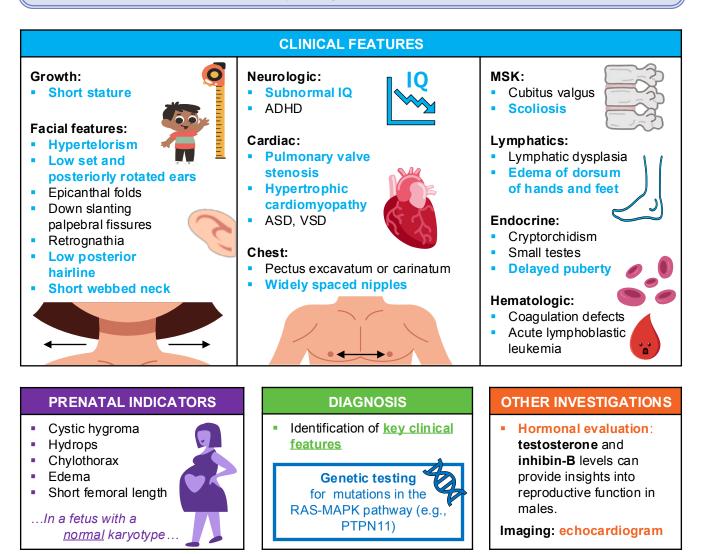
Noonan syndrome, affecting 1 in 1,000-2,500 live births, occurs equally in males and females and shares many phenotypic features with Turner syndrome, though the genetic causes are distinct. About 20% of cases are familial with autosomal dominant inheritance. Mutations in the RAS-MAPK pathway account for around 70% of cases.



AD

Autosomal

dominant



MANAGEMENT

 Human growth hormone improves growth velocity in many Noonan syndrome patients, like Turner syndrome.

Recommended for patients below the 3rd percentile for height.

- Treatment for hypogonadotropic hypogonadism involves testosterone therapy, while gonadotropin therapy may be considered for testicular development in more complex cases.
- Treatment plans should be individualized and monitored closely.



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