Screening for Y Microdeletions in Patients With Hypergonadotrophic Hypogonadism Due to Disorder of Sexual Development

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Introduction: Hypergonadotrophic hypogonadism is mainly characterized by streak or dysgenetic gonads. It is primer gonadal insufficiency which occurs as a result of chromosome abnormalities, gonad developmental and steroid synthesis defects. However, Y microdeletions associated hypergonadotrophic hypogonadism due to disorder of sexual development has been reported, there are no many studies. Moreover, it is not known enough to contribution for development of sexual ambiquity. Aim of this study is to screen presence of Y microdeletion in hypergonadotrophic hypogonadism and to investigate relationship between disorder of sexual development.

Method: All patients(n:66) were monitored by Pediatric Endocrinology Clinic of Medical Faculty of Gaziantep University.