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Klinefelter Syndrome – Cytogenetic Findings

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ABSTRACT In this paper it is reported that the karyotypic variants in the cytogenetically confirmed sixty four Klinefelter Syndrome patients. Forty had the 47, XXY karyotype (62.5). The rest had the following: 48, XXYY: 2 (3.13%), 48, XXY +21 : 2 (3.13%), 46, XX/47, XXY : 1 (1.56%), 47, XXY : 15 (23.44%), 46, XY / 48, XXXY : 1 (1.56%), 47, XXY / 48, XXXY : 1 (1.56%), 48, XXXY / 49, XXXXY : 1 (1.56%). The only structural arrangement observed was 47, XXYqh*. The observations of the present study confirm the Karyotypic variability in Klinefelter syndrome.