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### **Cytogenetic Study on Sexual Ambiguity in Humans**

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**ABSTRACT** Sexual ambiguity commonly known as intersexuality, is a condition of imperfect sexual differentiation between male and female. The present study was aimed at analyzing the chromosomal abnormalities of intersex subjects in Coimbatore city, India. Of the 30 intersex cases studied, 10 of them were genetically male (46,XY) but phenotypically females, 8 of them were genetically female (46,XX) with maleness, 4 of them had a 45,X/47,XXY, 6 of them had a 46,XX/46,XY mosaic type and 3 had 46,XY,del(Yq). The results are discussed in the light of recent literature.