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Ischemic Heart Disease - A Haematological, Biochemical and Cytogenetic Study

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ABSTRACT Ischemic Heart Disease (IHD) is a condition in which there is lack of oxygen to the heart due to inadequate perfusion. A study was undertaken to correlate IHD with chromosomal abnormalities. As a multifactorial disorder IHD is influenced by both environmental and genetic factors. The lipid profile in IHD was significantly altered. Deletion was a common chromosome aberration noted in the male and female subjects. In addition, aberrations such as inversion and translocation have also been noted and in the case of females 2 of them displayed a satellite chromosome and the rest showed translocation, inversion and mosaicism. The results are discussed pertaining to recent literature.

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