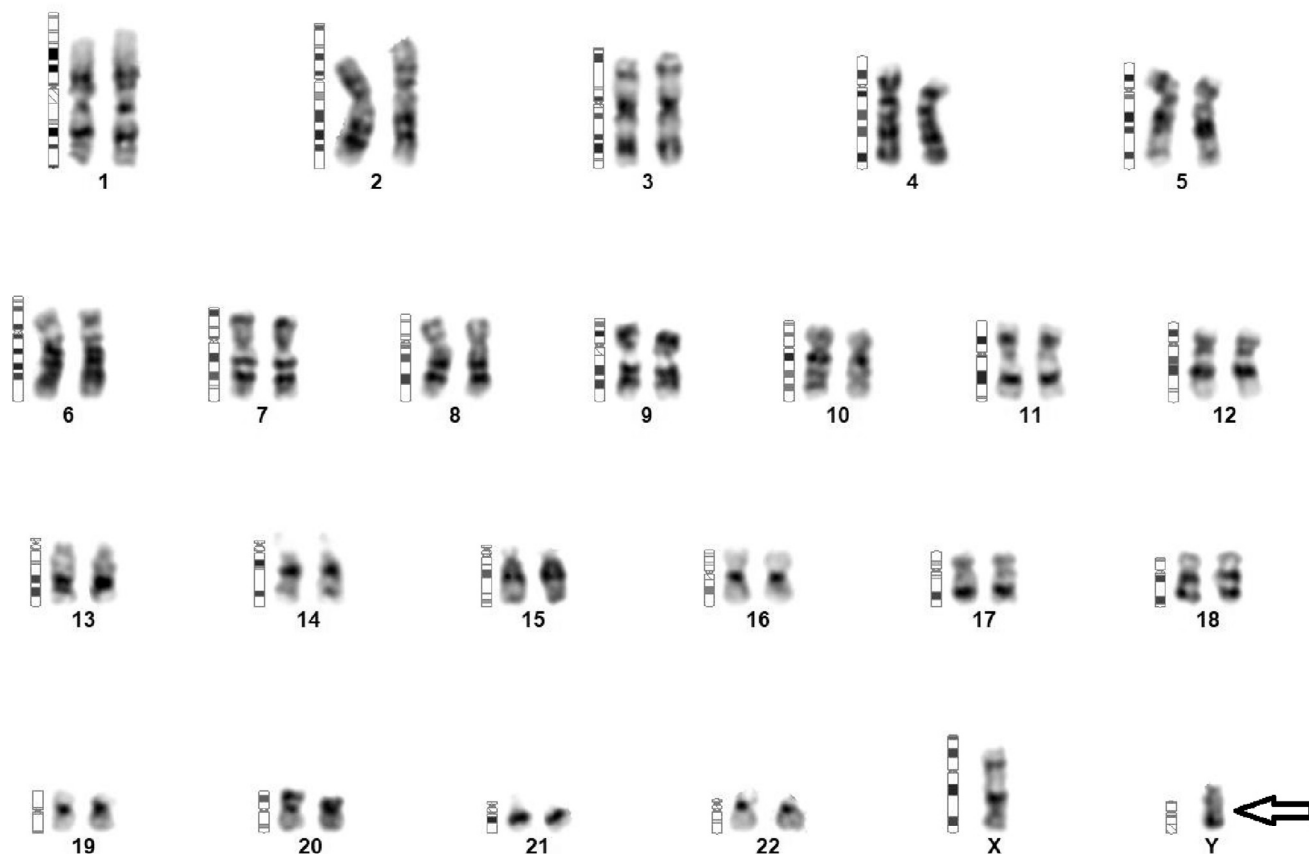


KARYOTYPING IMAGE



Karyotype - ISCN(2020)

46,X,Yqh+

Interpretation

Chromosome analysis of PHA stimulated Peripheral Blood lymphocytes revealed a male karyotype with the presence of an increase in length of constitutive heterochromatin on chromosome Y. The role of heterochromatic variations in length, in couples investigated for sub-fertility is debatable. However, some of the findings indicate towards a probable role and are considered to be implicated in pregnancy outcome. As per some of the studies/findings, the Y chromosome polymorphic variant Yqh+ most likely