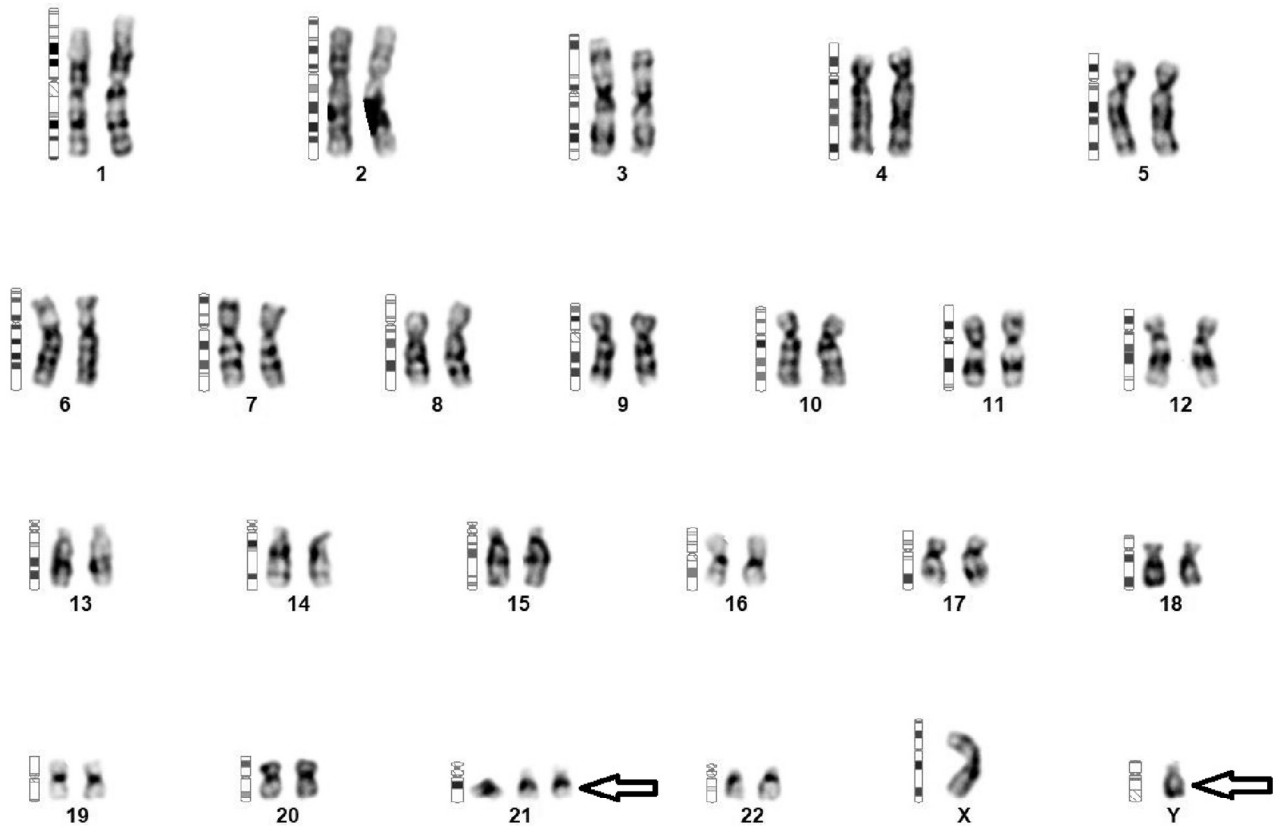


## KARYOTYPING IMAGE



## Karyotype - ISCN(2020)

47,XY,+21

## Interpretation

Chromosome analysis of PHA stimulated Peripheral Blood lymphocytes revealed a karyotype with genetic sex complement to be that of a male with an extra copy of chromosome 21, suggestive of XY-Female with Down syndrome. Clinical history is suggestive of a female phenotype in the patient. Hence, this is a case with Disorder of Sexual Development (DSD). This occurs due to the