Clinical Characteristics of Down Syndrome Patients in Jeddah, Saudi Arabia: A Prospective Study

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Down Syndrome (DS)

• A genetic disorder due to a numerical chromosomal abnormality which results in extra genetic material from chromosome 21.

• It is the most common and best known chromosomal disorder in humans.

• Its incidence in Saudi Arabia is reported to be 1 in 554 live births.

• There are no known behavioural or environmental factors that cause Down syndrome.
Down Syndrome (DS)

3 types of Chromosomal Analysis:

1. Non-disjunction trisomy 21
2. Translocation DS
3. Mosaic DS
Anomalies & Disorders Associated with DS

- Congenital Heart Defects
- ENT Abnormalities
- Eye abnormalities
- GIT anomalies
- CNS abnormalities
- Musculoskeletal abnormalities
- Thyroid disorders
Thank You !!