

Edward Syndrome with Hydrocele and Ctev

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Background

Trisomy 18 is second most common multiple malformation syndrome due to chromosomal aberration with an incidence of 1:3500 to 1:7000 newborns. This report shows a case presentation of a 7 year old male child with edward syndrome associated with hydrocele.

Case

A male child born to Mrs. Shravanti is presented on 7th day of his life with respiratory distress, abnormal facial features, scrotal swelling and foot deformity. Birth weight was 3 kg. Respiratory distress started at 2nd day of birth. Microcephaly, microstomia and flattened nasal bridge are seen. Overlapping of fingers in arms and

overlapping of toes in legs associated with scrotal swelling and micropenis. Radiography revealed CTEV of left foot. Ultrasonography concluded bilateral hydronephrosis and chromosomal analysis confirmed trisomy of 18th chromosome. Infant treated with ICU care and given ventilatory support.

Results & Conclusions

Edward syndrome is a condition which can be detected before birth. Ultrasonography, amniocentesis and chorionic villus sampling are some of the tests which reveal edward syndrome during pregnancy. Association of hydrocele is not so common till date and there is no proven explanation for this association.
