Cervical Cystic Hygroma with Normal Karyotype

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Cystic hygroma is a rare congenital cystic mass that arises from the failure of communication between the lymphatic and the venous system in the neck [1], it is often associated to chromosomal abnormalities especially Turner syndrome, trisomy 18, 19 and 21 [2].

We report the case of a newborn born baby from a poorly monitored pregnancy, delivered by cesarean section following labor dystocia, who presented a large mass of the right side of the neck (Figure 1), he was admitted for respiratory distress due to airway obstruction. There were no additional structural anomalies detected after birth and genetic analysis of the fetus was normal. The evolution was favorable after sclerosing therapy.

Figure 1: Cystic mass of the neck.
Several differential diagnosis must be considered especially for anterior localisations Hamartoma of the mandible, cervical thymus cyst, brachial cleft cyst and thyroglossal duct.

Indications for surgery is reserved for severe cases with obstructive symptoms, bleeding and recurrent infections. The treatment possibilities include aspiration, radiation, and injection of sclerosing agents [3].

REFERENCES