Amsalu Tiruneh, J Cancer Sci Ther 2018, Volume 10
DOI: 10.4172/1948-5956-C6-138

Pentalogy of Cantrell: Case report

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Pentalogy of cantrell, also known as cantrell deformity, is a rare congenital disorder. The exact causes of this anomaly is unknown whereas most cases occur randomly for no apparent reason. One theory suggests that, this anomaly takes place due to abnormality in the development of midline embryonic tissue which being formed in between fourteen to eighteen weeks after conception. several familial cases have been reported and genetics may also have a role. The exact prevalence is not known but estimated to be 5 in 1million.the specific symptoms and severity can vary from one person to another. The most sever expression of pentalogy of cantrell presents at birth with ectopia cordis and omphalocele. Ectopic cordis takes place when heart is partially or completely dislocated out of the thoracic cage and is not protected by the chest wall. whereas omphalocele is an abdominal wall defect through which the intestine protrudes. additional anomalies that are associated with pentalogy of cantrell are cleft lip and palate, limb defect, diaphragmatic defects in the head and neck and neural tube defects. here we present a case of 21 years old female whose LNMP was on 20-07-09EC and GA 29+4weeks and has ANC follow up in a health center. She presented to our hospital and underwent an obstetric ultrasound. the fetus has omphalocele and ectopia cordis and limb defects and it was not compatible with life and termination of pregnancy was done. We have post-delivery and sonographic images of the fetus and is the first case to be reported from my country.

Biography

Amsalu Tiruneh is an IESO working at Dangila Hospital, Ethiopia. He has graduated from Haramaya University in integrated emergency surgery & obstetrics.

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