

Obstetric Case 1

March 2021

Clinical details:

21 y/o primigravida attending for
20 week anomaly scan



Please try to answer the following questions:

1. What abnormality is present in this fetus?
2. Write a report for this abnormality
3. What are the subtypes of this abnormality and which subtype is associated with chromosomal conditions?

Do not progress to next slide until you have attempted
the questions on the previous slide

Answers:

1. Isolated left sided cleft lip
2. Report: There is a break in the skin from the lip into the nose consistent with a cleft lip.
3. Lateral, median and bilateral. Median clefts are most associated with chromosomal problems

BMUS Cleft lip fact file:

- Around 1 in 700 babies are born with cleft lips and 1 in 1000 are born with an associated cleft palate
- More common in males than females. White ethnic predominance.
- 75% are unilateral and 25% bilateral
- Around 1% of cleft lips are associated with T18 or T13
- Risk factors: smoking, drinking and taking drugs in pregnancy. Not taking folic acid. Genetic links.
- Many of these children when born will have speech or hearing problems

References:

- <https://fetalmedicine.org/education/fetal-abnormalities/face/facial-cleft#:~:text=Chromosomal%20abnormalities%2C%20mainly%20trisomies%2013%20and%2018%2C%20are,one%20of%20%3E400%20syndromes%20in%2030%25%20of%20cases.>
- <https://www.clapa.com/what-is-cleft-lip-palate/dealing-with-diagnosis/>
- https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/398591/Cleft_lip_-_HP_-_FASP76.pdf