Objective
To present a case where the initial case was anencephaly but turned to be amniotic band syndrome.

Methods
Ultrasound imaging and post abortum examination.

Results
A 26 y old G1P0 presented for abnormal first trimester ultrasound. Initial diagnosis two weeks earlier was Anencephaly, with a normal NT and biometry. Follow-up examination at 15 weeks showed cephalic pole abnormality with a non mobile head that seems adherent to uterine wall. Abdominal and vaginal mobilization failed to move the head away from a fixed position. The rest of the fetus body moved freely. Profile view was difficult to attain and NT was 2. 2 mm. Amniotic band syndrome was suspected. After thorough explanations, the couple elected pregnancy termination which was done at 16 w, after approval of the ethics committee. Post abortum examination confirmed the ultrasound findings and showed extensive damage to the calvarium and also to the face with a cleft lip and cleft palate. Parents refused foetopathologic examination.

Conclusion
In amniotic band syndrome, cephalic lesion can mimick isolated anencephaly. Trying to mobilize the fetus by abdominal or vaginal movement can help attain a correct diagnosis.