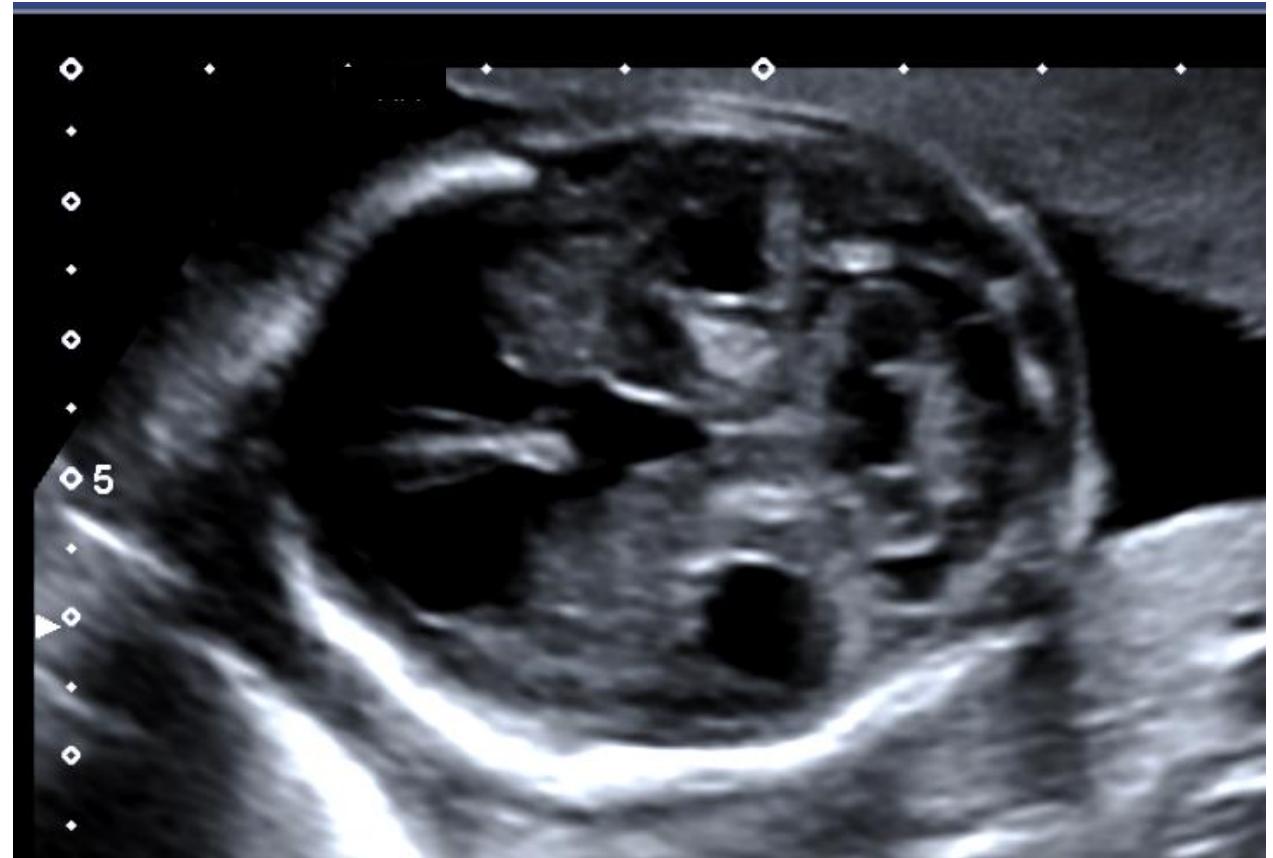
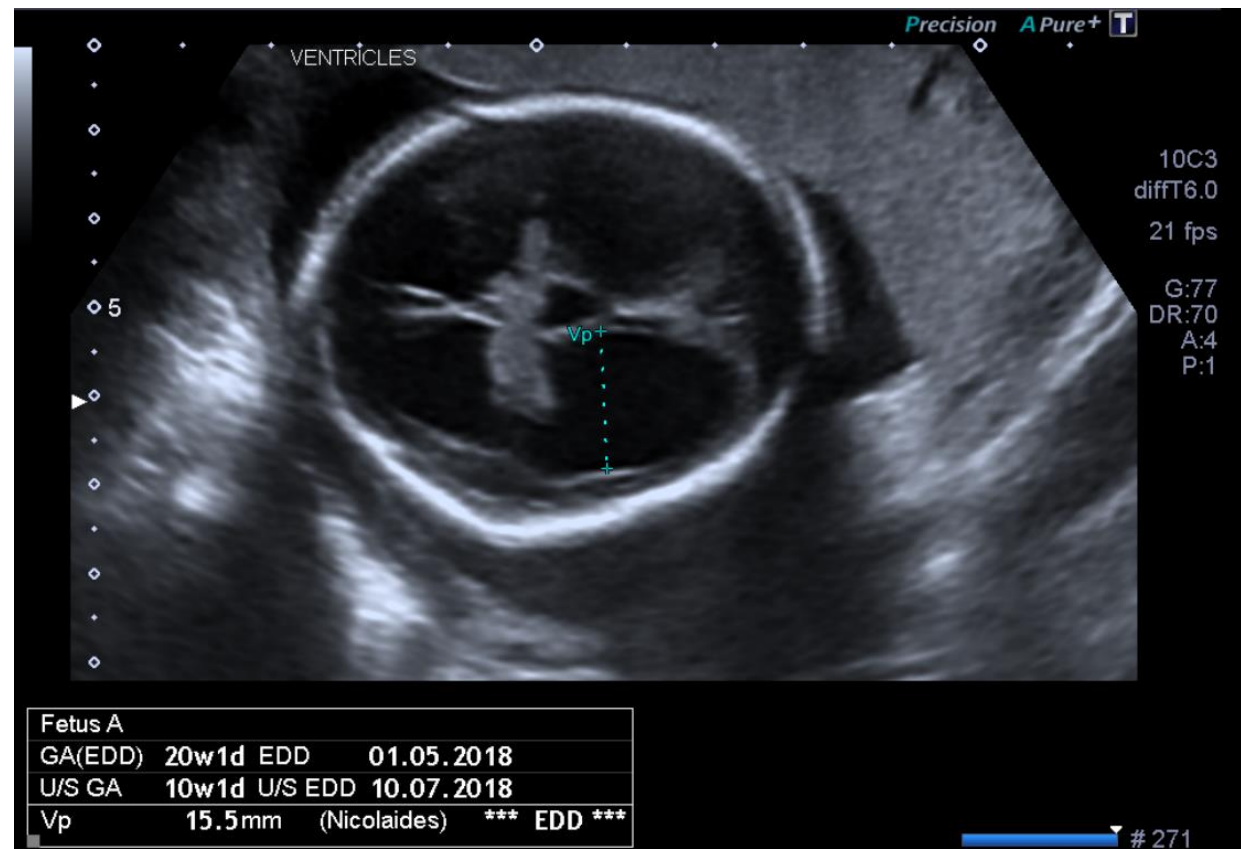


# Obstetric case 4

## May 2022

19 year old female.  
Anomaly scan.





Consider the following questions:

1. Describe this abnormality – what features are present?
2. What is the diagnosis?
3. Is there an association with chromosomal conditions?

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

## Question 1

Agensis of the cerebellar vermis

Cystic dilatation of the 4<sup>th</sup> ventricle

Enlarged posterior fossa

Ventriculomegaly

Abnormal cavum septum  
pellucidum

## Question 2

Dandy Walker  
Malformation

## Question 3

T18, T13 and Turner  
syndrome

# Dandy Walker Malformation Fact File

- Effects 0.3% of every 10,000 births
- Risk of recurrence in subsequent pregnancies is up to 5%
- Frequently associated with other anomalies in 50 to 70% of cases including: ventriculomegaly, other midline anomalies, corpus callosum agenesis, holoprosencephaly, cephalocele, polycystic kidneys, heart defects and cleft lip and palate
- High mortality rate (around 70% of cases) due to other associated abnormalities – often hydrocephalus