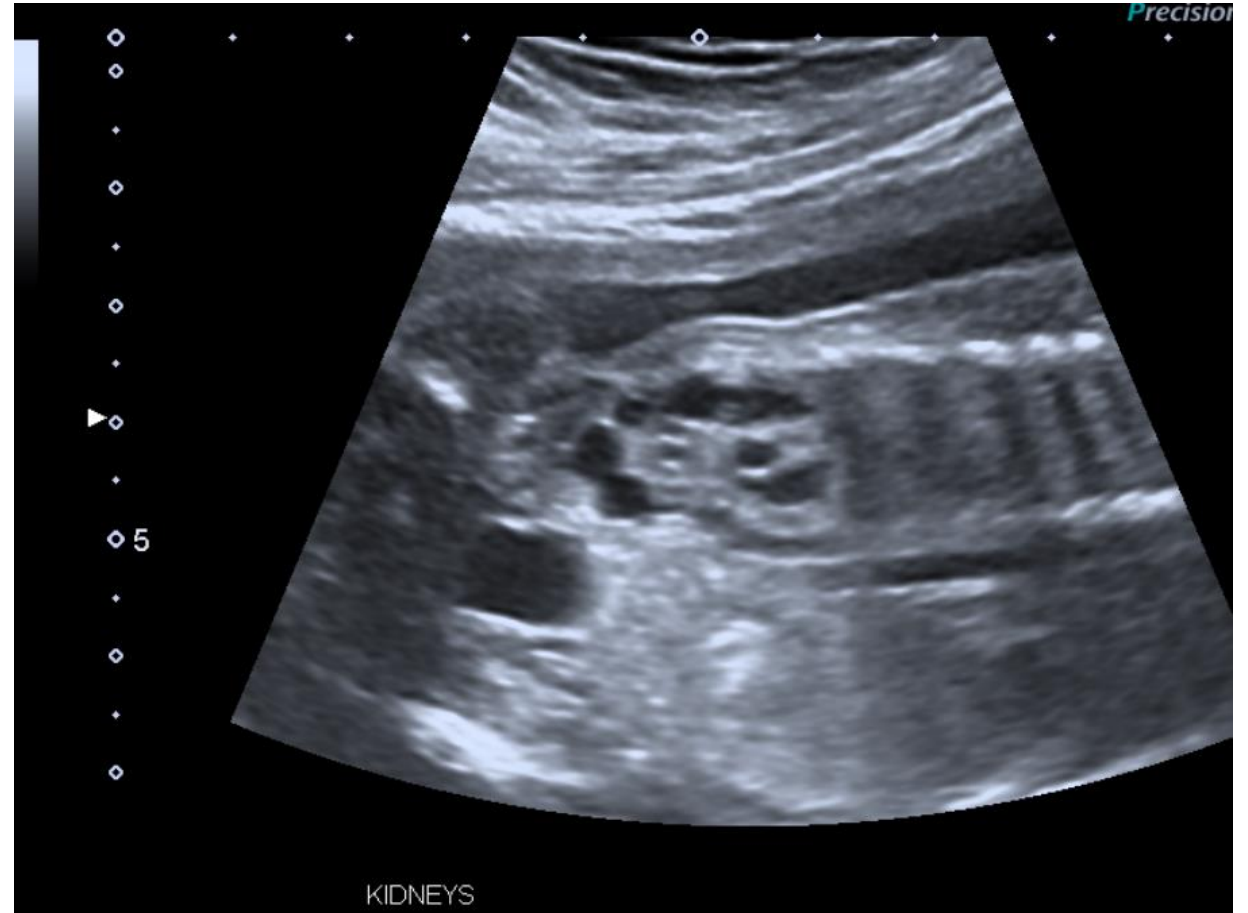
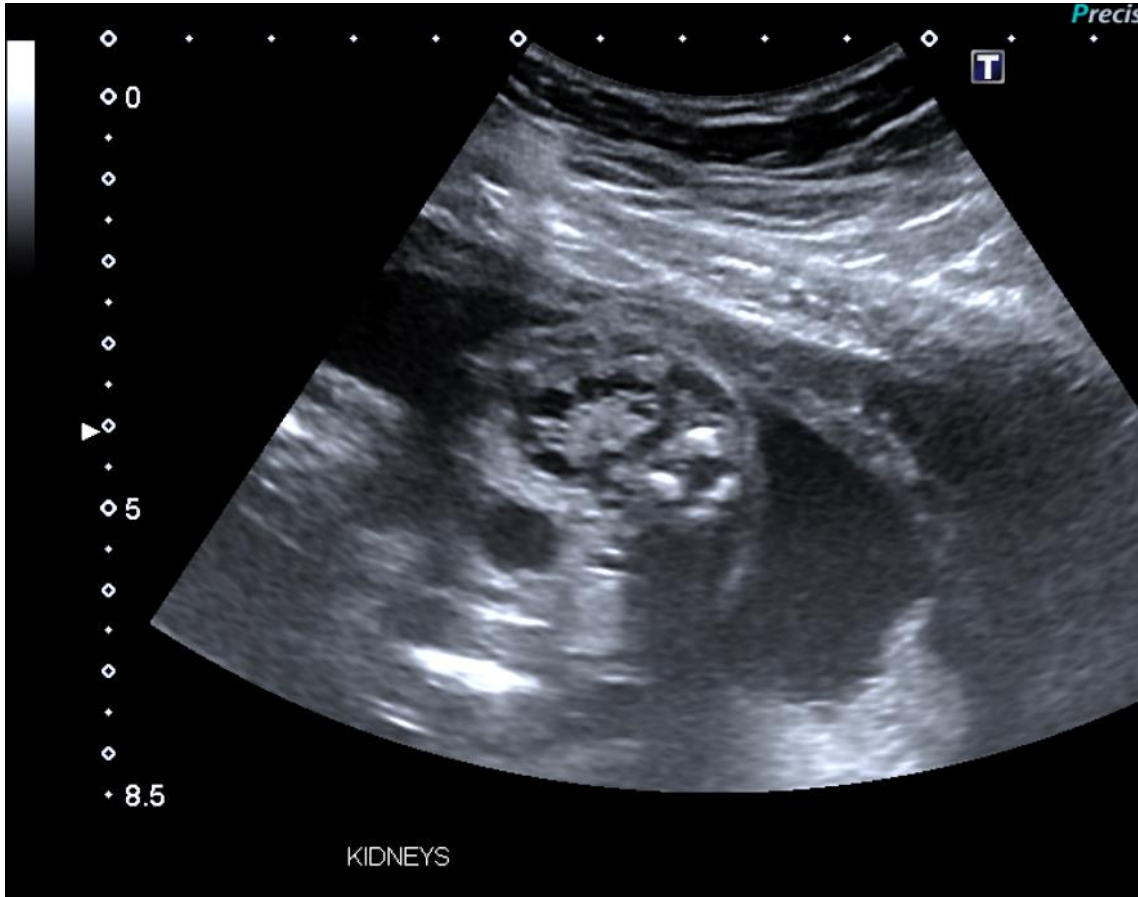
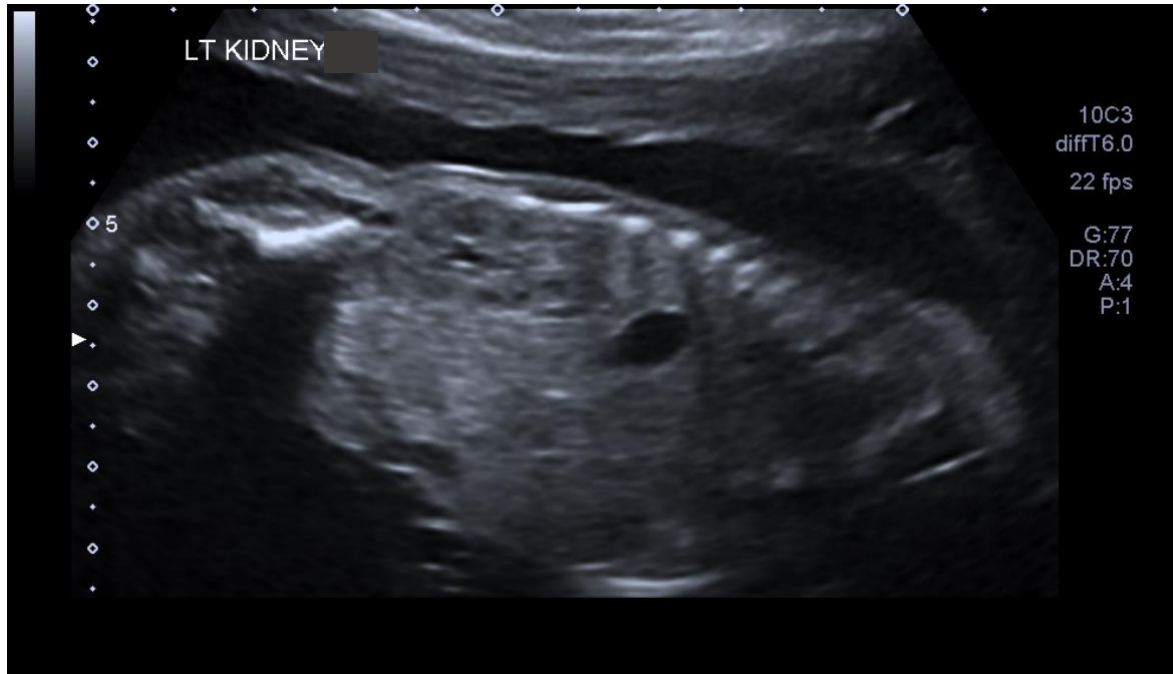


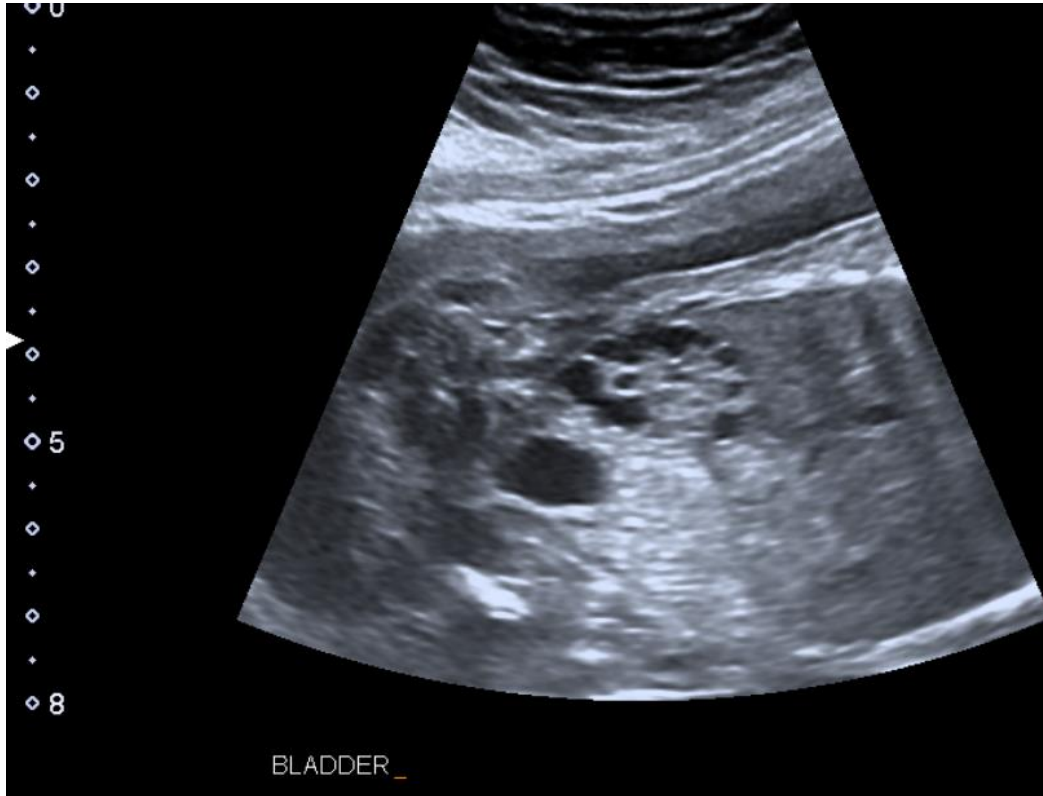
Obstetric Case 5

June 2022

Clinical details:
26 year old female.
Anomaly scan.







Consider the following questions:

1. Describe this abnormality – think about other considerations that need to be taken into account in this case
2. What is the diagnosis?
2. Is there an association with chromosomal conditions?

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

Question 1

The right kidney contains multiple non-communicating cysts of varying sizes.

Normal and filled bladder.

No evidence of oligohydramnios.

Question 2

Unilateral multicystic dysplastic kidney

Question 3

Rarely associated with chromosomal anomalies when unilateral, however there may be some autosomal genetic dominance

Multicystic Dysplastic Kidney (MCDK) Fact File

- Affects 1 in 4,300 pregnancies
- In cases where only one kidney is affected, the infant can live a normal non-restricted life. A multicystic dysplastic kidney is usually non-functioning, so quality of life is affected only if the contralateral kidney becomes compromised.
- The MCDK often atrophies by 20% after 1 year and by 50% within 5 years.
- More common in males and more commonly affects the left kidney.