

Two cases of multicystic kidney disease

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Objective

To describe two cases of prenatal detection of multicystic dysplastic kidneys (mckd).

Methods

We report two cases of bilateral mckd diagnosed on antenatal ultrasound.

Results

First case: A 24 years old woman, at 29 weeks of gestation presented to our unit. The ultrasound scan demonstrated two large hyper echoic multicystic kidneys and oligohydramnios. The MRI showed multicystic kidney, oligohydramnios and non-visualization of the fetal bladder. An amniocentesis was performed and the fetal karyotype was normal. Second case: A 39 years old woman, presented to our unit because of reduced fetal movements at 33 weeks of gestation. The ultrasound scan demonstrated intrauterine growth restriction, oligohydramnios, bilateral multicystic kidney and partial agenesis of the vermis.

Conclusion

The overall value of antenatal diagnosis is that it indicates early termination of fetuses with fatal renal disease, prepares parents and medical staff for the likelihood of serious neonatal problems, and shows abnormalities of the urinary tract that may not be detected postnatally.

