The incidence of chromosomal anomalies in fetuses with bilateral pyelectasis

Todorovska I., Dabeski D., Simeonova S., Livrinova V.
University clinic for obstetrics and gynecology, Skopje, FYROM

Objective
Aim of this study is to determine the incidence of chromosomal abnormalities and add to dictionary in our clinic, in University hospital for Gynecology and Obstetrics, in Skopje.

Methods
We performed amniocentesis in 50 pregnant women, with an isolated finding of bilateral pyelectasis of 8mm and more, scanned in our clinic between 22 and 25 weeks of gestation. The sample of amniotic fluid was analysed with standard methods.

Results
2 out of 50 patients (4%) were diagnosed with Down's syndrome. The rest 48 out of 50 (96%) had a normal karyotype.

Conclusion
According to the literature the incidence is 2%, lower compared to the results of our study. Generally, the incidence is not high enough to offer amniocentesis to all those pregnant women on a regular basis.