Objective
The aim of study was to illustrate pregnancy outcomes of monochorionic diamniotic twin pregnancies in our institute – a tertiary fetal medicine center with fetal therapy program since 2012.

Methods
Observational prospective cohort study describing 399 cases of monochorionic diamniotic twin pregnancies delivered in a single centre from 2012 to 2018.

Results
From a total of 399 monochorionic twins that delivered in our institute 364 (91.2 %) resulted in two survivors, 31 (7.8 %) in one survivor and 4 (1 %) in no survivor (Fig 1).

4.5 % of pregnancies were delivered at 24-26 weeks of gestation, 4.8 % at 26-28 weeks, 18.8 % at 28-32 weeks and 51.0 % at 32-36 weeks (Fig 2).

Only 83 (20.9 %) monochorionic twin pregnancies had uncomplicated course with two live born fetuses delivered after 36 weeks.

Conclusion
Monochorionic twin pregnancies are at high risk of maternal and fetal complications that need specialized care. Only uncomplicated pregnancies with no risk factors can be managed expectantly and deliver after 36 weeks of gestation.

During the years 2012 - 2018 a total of 149 intrauterine operations were performed in monochorionic twins in our center. Twin to twin transfusion syndrom was the most frequent diagnosis for the invasive fetal therapy.

64 (43 %) patients after fetal surgery delivered in our center, 85 (57 %) delivered in other collaborating hospitals in the Czech Republic.

Outcomes of monochorionic diamniotic twin pregnancies in a tertiary center with acces to invasive fetal therapy.
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