

National Registry of Congenital Anomalies of the Czech Republic



Congenital anomalies in children born after assisted reproduction in the Czech Republic: Population based study.

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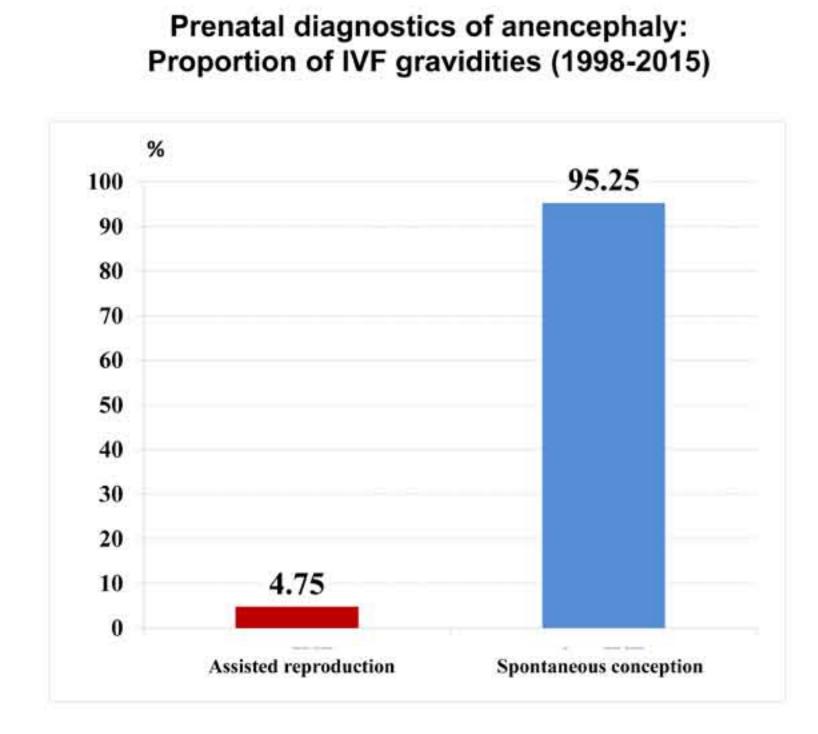
Czech Republic - Infobox 13 regions and the capital Prague; 76 districts in total Population: 10 553 843 Area: 78,866 km²

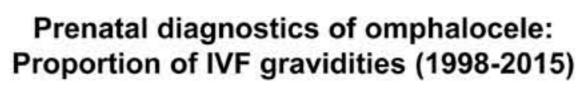
Surveillance - Infobox

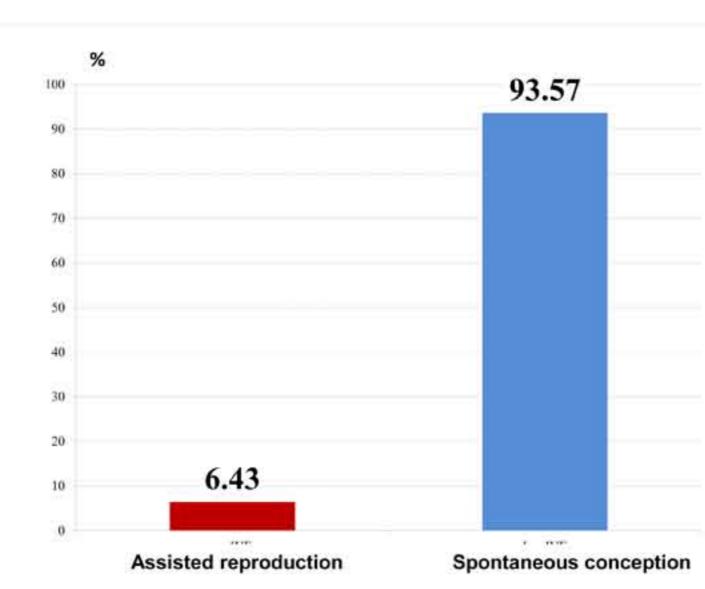
- 50+ years of history; the registry was founded in 1964.
- Population-wide coverage; reporting is compulsory.
- Data are stored in the State Institute of Health Information and Statistics (ÚZIS ČR) Multiple sources (geneticists, neonatologists,
- paediatricians, other specialists). Registry includes cases diagnosed in livebirths,
- stillbirths and prenatally diagnosed cases.
- Termination of pregnancy legal (up to 24th GW)
- Main classification system: ICD-10 (national)

Methods

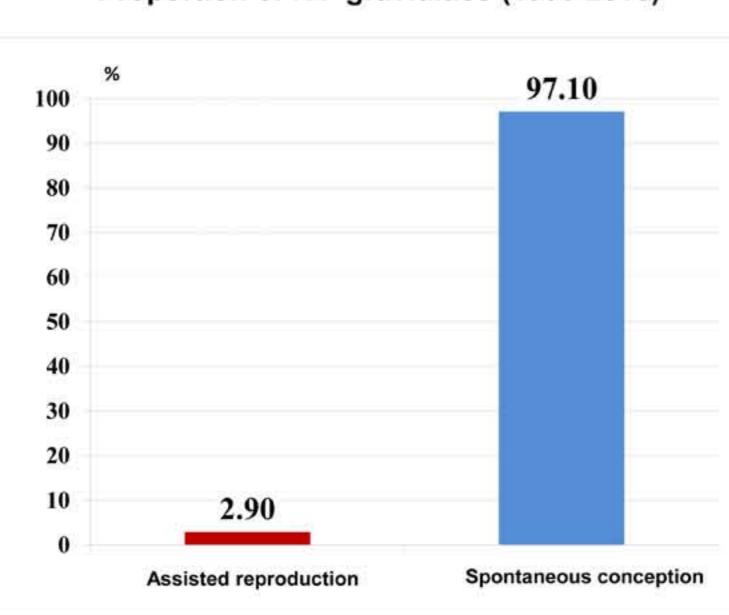
- Data source: National registry of Reproductive Health of the Czech Republic
- Prenatal diagnostics data: 1998-2015
- Live-births data: 2013 2015
- Congenital anomalies group: (Q00-Q99)
- Statistical anomalies were performed by Pearson's chi-square test and by logistic regression analysis.
- p values lower than 0.05 were considered statistically significant



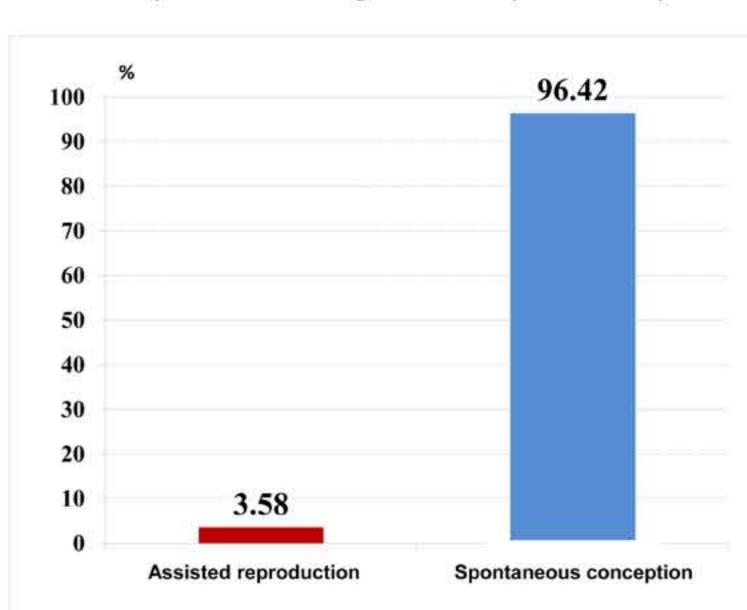




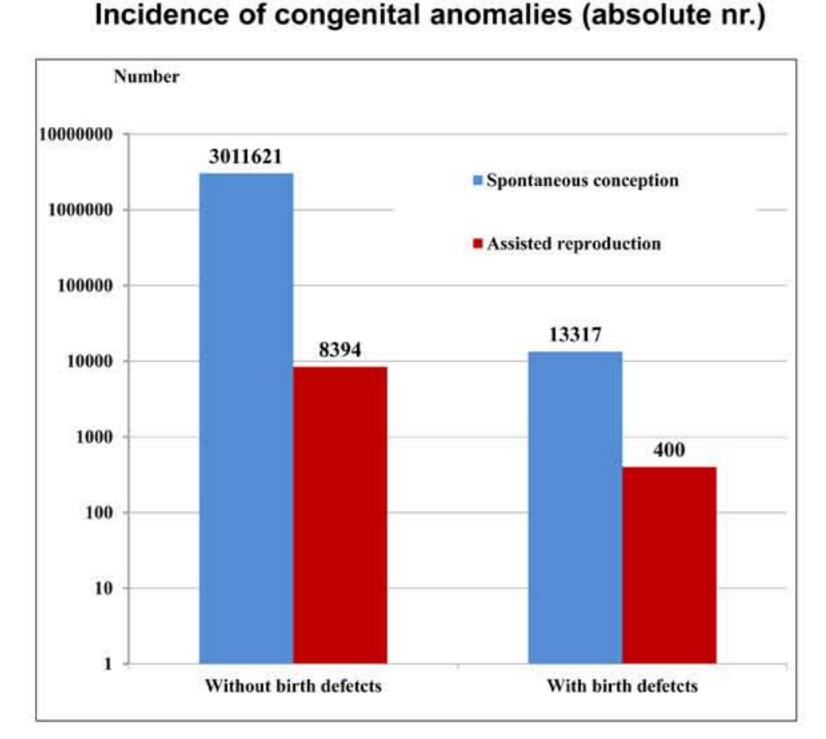
Prenatal diagnostics of gastroschisis: Proportion of IVF gravidities (1998-2015)



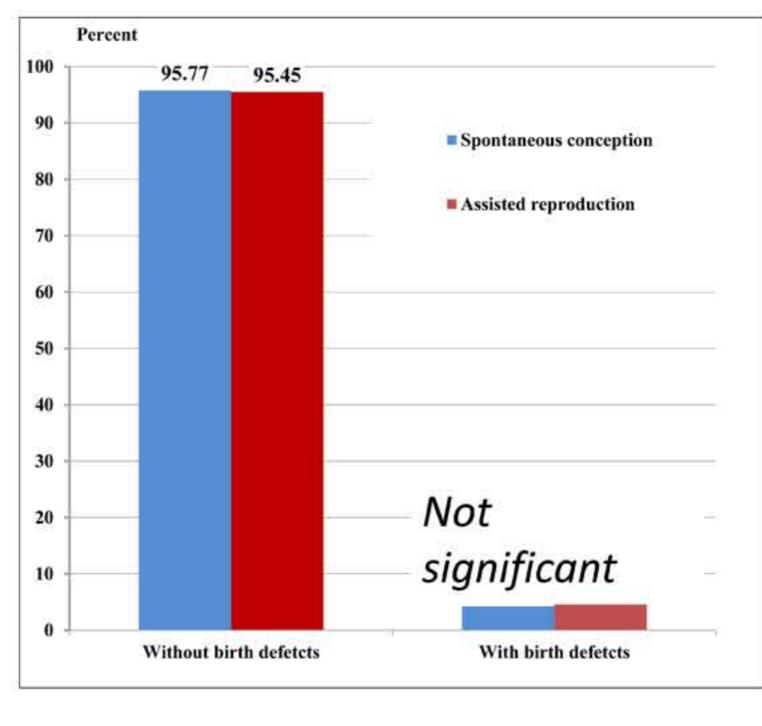
Prenatal diagnostics of Down syndrome: Proportion of IVF gravidities (1998-2015)



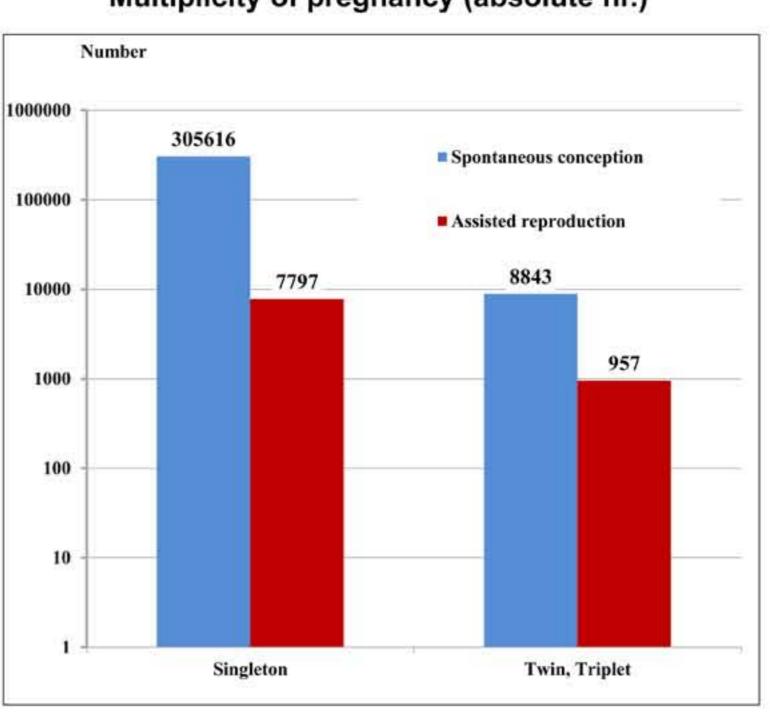
Number of livebirths (Czech Republic 2013-2015):



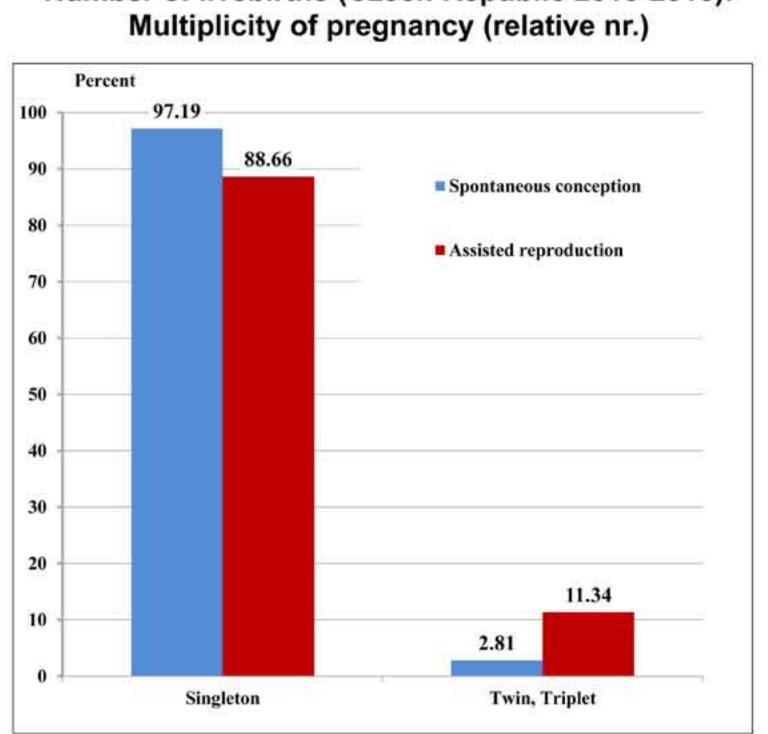
Number of livebirths (Czech Republic 2013-2015): Incidence of congenital anomalies (relative nr.)



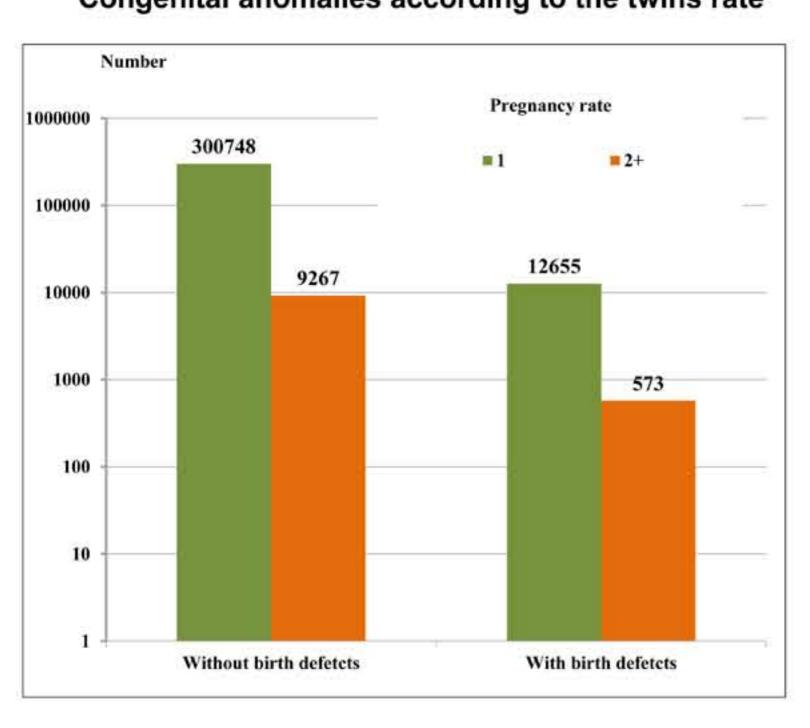
Number of livebirths (Czech Republic 2013-2015): Multiplicity of pregnancy (absolute nr.)



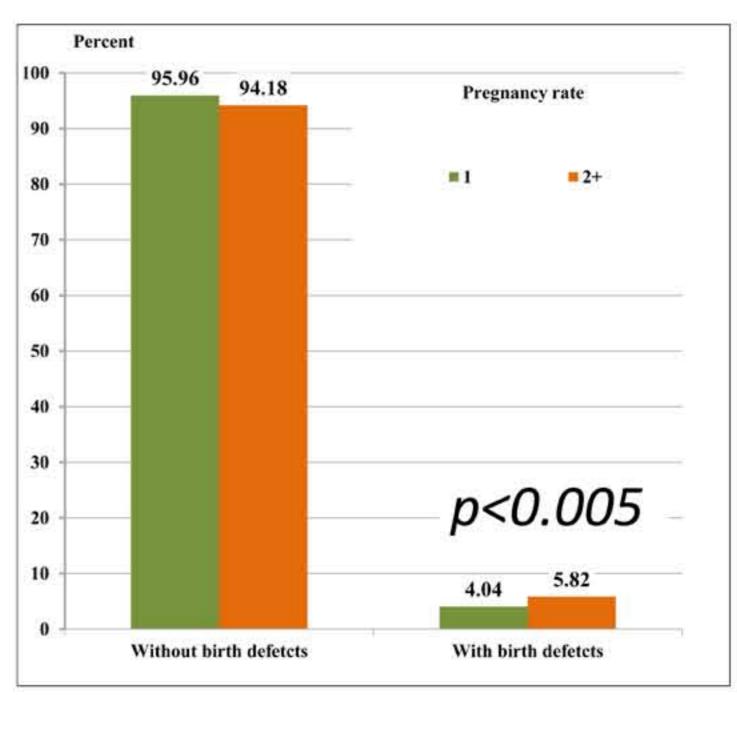
Number of livebirths (Czech Republic 2013-2015):



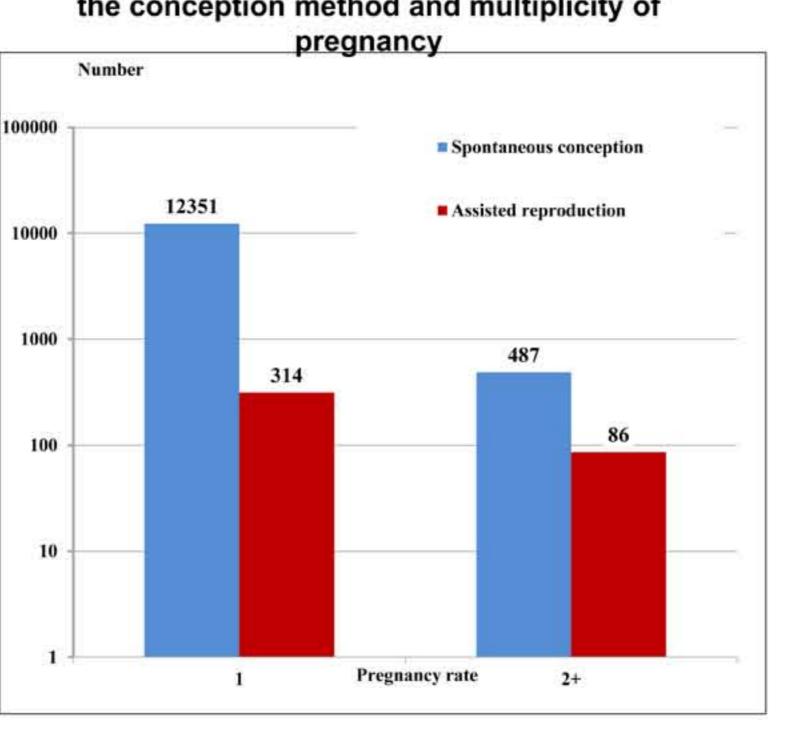
Number of livebirths (Czech Republic 2013-2015): Congenital anomalies according to the twins rate



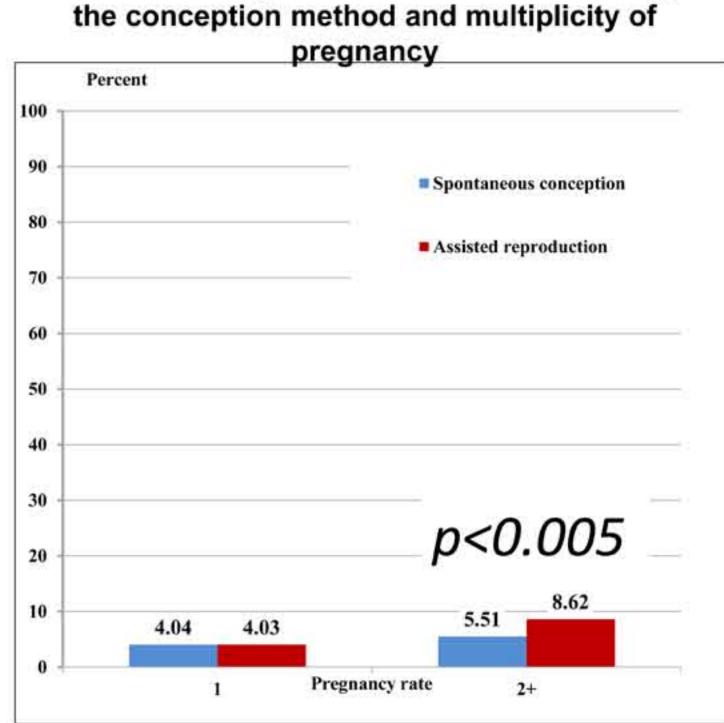
Number of livebirths (Czech Republic 2013-2015): Congenital anomalies according to the twins rate



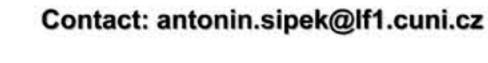
Children with congenital anomalies – according to the conception method and multiplicity of



Incidence of congenital anomalies – according to the conception method and multiplicity of



http://www.vrozene-vady.cz/

















The study is based on the official data from the National Registry of Congenital Anomalies and National Registry of Assisted Reproduction of the Czech Republic. The study is Supported by Ministry of Health of the Czech Republic, RVO project: "Thomayerova nemocnice - TN, 00064190".

The results of this study were not yet published.