

Interdisciplinary, transsectoral and multiprofessional care of fetuses, pregnant women and children in preeclampsia and fetal growth restriction

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Objective

The aim of this project was to integrate a medical care model in preeclampsia and fetal growth restriction in a model region in Germany to improve the medical care using the latest screening models.

Methods

This project was started at University Hospital of Dresden and Jena in October 2019. The Federal Joint Committee (G-BA) funded this project aiming to implement the new model for the whole country if the results would be promising. 939 pregnant women were recruited until April 2022. We performed a first trimester screening for preeclampsia according to FMF screening model. The high-risk group received a prophylactic therapy with Aspirin. The joint-care-pathway was offered to those at high-risk: we followed-up these pregnancies after 20 weeks every 4 weeks together with psychologists and neonatologist. The pathway was offered to those patients who were referred later with fetal growth restriction, as well. The newborns of pregnancies complicated with fetal growth restriction were offered intensive examinations and follow-up appointments until first year of age.

Results

We will be presenting our preliminary fetal and obstetrical results. There are still patients who did not deliver yet and we aim to end the project by 2023.

Conclusion

The fetoneonatal path supported many pregnant women, fetuses and newborns who developed preeclampsia or fetal growth restriction.