AMSTERDAM UMC

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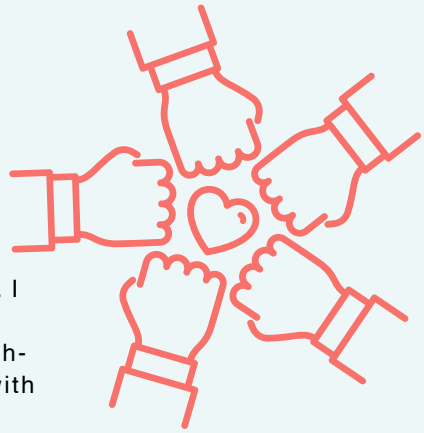
SAVE FGR NEWSLETTER

In this newsletter we would like you to meet our new teammembers!



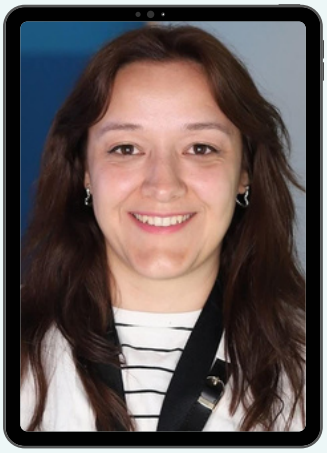
Milou Bügel

Workpackage 1
'SAVE FGR TRIAL'



My name is Milou Bügel and I am one of the researchers contributing to the SAVE FGR study. I am proud to contribute to a study that aims to improve management and decision support in high-risk pregnancies. I look forward to collaborating with all participating centers and contributing to improving outcomes for mothers and babies.

Workpackage 2
'From Fetal Heart Signals to Earlier Detection of Fetal Hypoxia'



Büsra Ünlü

Since September 2025 I am the PhD student for WP2 that focuses on analysing fetal cardiac function. I am a Turkish native, and I have a background in AI signal analysis. The unique SAVE FGR patient cohort has detailed clinical data including the CTG signals.

Work so far

My first steps were to investigate how technical factors such as devices, software, and missing data affect fetal heart signal analysis. This includes comparing signals from two devices that use different measurement methods (Doppler-CTG and fECG-CTG), and comparing short-term variation (STV) across different software systems. These are also important for understanding the results from the SAVE FGR study. I am preparing the publications for these topics now.



Next steps

We will use advanced data analysis and machine learning of the Doppler-CTG and fECG-CTG signals to identify early warning signs of deterioration in a clear and reliable way before irreversible harm occurs. After that, we will connect these findings with additional parameters derived from fetal electrocardiography (fECG), serum biomarkers, and fetal and maternal Doppler measurements in a decision support algorithm.

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SAVE FGR NEWSLETTER

We are pleased to announce the publication of the protocol!
Our gratitude goes to everyone who supported and contributed to this research, and we are excited to share our findings:

🔗 Protocol publication



🔍 SITE STATUS OVERVIEW

Hospital 🏥	Status 📍	Inclusions ➕
Amsterdam UMC	✅ Open	16
UMC Groningen	✅ Open	19
Erasmus MC	✅ Open	15
Isala Zwolle	✅ Open	0
Maastricht UMC+	✅ Open	2
Radboudumc	✅ Open	3

🌍 INTERNATIONAL SITE STATUS OVERVIEW

Country 🌍	Status 📍
Poland	Almost ready for recruitment!
Belgium	IRB approval process ongoing, mid-stage
Denmark	Early-stage, still struggling with procedures

WWW.FETALGROWTHRESTRICTION.COM
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