

First Trimester Screening Report

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Condition	Background risk	Adjusted risk
Trisomy 21	1: 804	1: 16080
Trisomy 18	1: 1869	<1: 20000
Trisomy 13	1: 5888	<1: 20000
Preeclampsia before 34 weeks		1: 409
Fetal growth restriction before 37 weeks		1: 98
Spontaneous delivery before 34 weeks		1: 1243

The background risk for aneuploidies is based on maternal age (27 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (fetal nuchal translucency thickness, nasal bone, ductus venosus Doppler, fetal heart rate).

Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history and uterine artery Doppler. The adjusted risk for PE < 34 weeks or the adjusted risk for FGR < 37 weeks is in the top 10% of the population. The patient may benefit from the prophylactic use of aspirin.

All biophysical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, method of conception and parity.

The estimated risk is calculated by the FMF-2012 software (version 2.81) and is based on findings from extensive research coordinated by the Fetal Medicine Foundation (UK Registered charity 1037116). The risk is only valid if the ultrasound scan was performed by a sonographer who has been accredited by the Fetal Medicine Foundation and has submitted results for regular audit (see www.fetalmedicine.com).

