

Date of birth :

**Maternal / Pregnancy Characteristics:**

Racial origin: White (European, Middle Eastern, North African, Hispanic).  
 Parity: 1; Spontaneous deliveries between 16-30 weeks: 0; 31-36 weeks: 0; Deliveries at or after 37 weeks: 1.  
 Maternal weight: 78.4 kg; Height: 169.0 cm.  
 Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: no; Antiphospholipid syndrome: no; Preeclampsia in previous pregnancy: no; Previous small baby: no; Patient's mother had preeclampsia: no.  
 Method of conception: Spontaneous;  
**Last period:** 19 December 2015 EDD by dates: 24 September 2016

**First Trimester Ultrasound:**

**Gestational age:** **12 weeks + 6 days** from CRL EDD by scan: 24 September 2016

Fetal heart activity	visualised	
Fetal heart rate	154 bpm	
Crown-rump length (CRL)	66.0 mm	
Nuchal translucency (NT)	2.2 mm	

**Maternal Serum Biochemistry:**

Sample taken on: 18 March 2016, analysed on: 18 March 2016, Equipment: Roche.

Free β-hCG	33.8 IU/l	equivalent to 1.242 MoM
PAPP-A	2.940 IU/l	equivalent to 0.943 MoM

**Risks / Counselling:**

Patient counselled and consent given.

Operator: Deniss Sõritsa, FMF Id: 92143

<i>Condition</i>	<i>Background risk</i>	<i>Adjusted risk</i>
Trisomy 21	1: 944	1: 4869
Trisomy 18	1: 2328	<1: 20000
Trisomy 13	1: 7296	<1: 20000
Spontaneous delivery before 34 weeks		1: 241

The background risk for aneuploidies is based on maternal age (25 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk, ultrasound factors (fetal nuchal translucency thickness, fetal heart rate) and maternal serum biochemistry (PAPP-A, free beta-hCG).

All biochemical 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 2.8) 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](http://www.fetalmedicine.com)).

