astraia FMF 4.6.0 was released with astraia 29.0. It is based on the FMF 2018 algorithm. FMF 4.6.0 was introduced to improve a functionality in the first trimester risk calculation and to include the Siemens analyser.

Type	Component	Issue ID	Description
New Feature	MoM calculation	FMFALG-133	Siemens analysers - platforms Advia XP, Advia CP and Atellica - have been implemented for the calculation of MoMs for free ß-hCG and PAPP-A.
Improvement	Risk calculation	FMFALG-131	The functionality in the first trimester risk calculation has been improved to ensure the following: - Ultrasound markers (NT, ductus venosus PI, nasal bone, tricuspid flow, and fetal heart rate) are included in the risk only when the CRL is in the range of 45-84. - Ultrasound markers (nasal bone, tricuspid flow) are included in the risk only when ethnicity is reported. - Ultrasound markers (ductus venosus PI, nasal bone, tricuspid flow and fetal heart rate) are not used in the risk in the absence of nuchal translucency.