Type	Component	Issue ID	Description
Improvement	Screen display	AST-7438 AST-7439	The splash screen and start screen of astraia have been improved with a new look. The product name, display, and module icons are updated.
Improvement	Options	AST-7433	A new colour scheme 'Matte Blue' has been added, which can be selected under Options → Appearance → Colour Scheme. A new installation will default to the 'Matte Blue' colour scheme and 'Metal' user interface. An existing installation with the 'astraia Blue' colour scheme would be upgraded to the new default. Any other existing colour schemes will not be updated to the new default.
Improvement	Reports	ASTMED-173	It is now possible for users to customize the header information of their reports (i.e. add their clinic information in the header). To adjust the header on the first page: Create an image that is 33 cm wide and 8.5 cm high. Save the image as a png file named "header" and replace the existing file named "header.png" in the "images folder" in the astraia installation folder. To adjust the header on all subsequent pages: Create an image that is 33 cm wide and 2.8 cm high. Save the image as a png file named "header2" and replace the existing file named "header2.png" in the "images folder" in the astraia installation folder. Restart astraia to apply the changes.
Improvement	Data entry screens	ASTMED-92	Added a new field to calculate the MoM for Middle Cerebral Artery PSV on the Doppler screen. The new field is available on the Full Doppler and Extended Doppler alternative screen.
Improvement	Data entry screens	ASTMED-71	The new fields for BS (Brain stem diameter), BSOB (Brain stem to occipital bone diameter) and BS / BSOB (brainstem/brainstem to occipital bone ratio) are now available on the First trimester assessment study screen under Ultrasound.
Improvement	Data entry screens	ASTMED-109	In the Breast module (only released in German, Greek and Polish) the following fields now allow values with 3 digits: - Examination > Clinical Examination > Clinical Breast Examination > Size (right / left) - Ultrasound > Breast > Masses > Location > Size - Ultrasound > Lymph nodes > Location > Size

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Improvement	Image viewer, Imaging	AST-7337	If the hospital number found in a DICOM object (i.e. image) has a different case (i.e. lower case) than in the table 'Patient', these images were not shown in the image browser. This has been fixed. The configuration for case-sensitivity is now 'NOT CASE SENSITIVE'.
Bug	Data entry screens	AST-7402	Screens that are not part of the astraia Obstetrics core license appeared in 29.0.0. This has now been fixed.
Bug	Data entry screens, Calculated field/formula	AST-7462	In a twin pregnancy, if NT is calculated as the average of NT above and below the umbilical cord in one of the fetuses, the second fetus in which NT was input directly will lose data in certain workflows. This has now been fixed.
Bug	Charts	ASTMED-133	The Robinson et al. (BJOG 1975; 82: 702-710) chart for CRL showed centiles from the table instead of centiles from the formula. This has now been corrected.
Bug	Charts	AST-7419	Chart 'Kurmanavicius et al. Br J Obstet Gynaecol 1999; 106: 126-143' calculated wrong centile/z-score tooltip and growth bar position for Femur Length. This has now been corrected.
Bug	Charts	ASTMED-126	Chart 'Scheier et al. Ultrasound Obstet Gynecol 2004; 23: 432-436' for Middle Cerebral Vmax displayed the wrong centiles.This has been now corrected.
Bug	Statistic module	AST-7417	It was not possible to save a new query with the conditions set for the 'Parity' field when using the query builder in astraia version 29.0.0. This has been now fixed.
Bug	Database	AST-7358	The graphical query builder did not update the SQL functions correctly after importing queries from another database into Postgres. This caused the existing queries not to work after importing into Postgres. This has now been fixed.
Bug	Database	AST-7407	When using the JDBC Lab interface, the inactive connections were not being closed, causing them to multiply until they were maxed out. This has now been fixed.
Bug	Reports	AST-7405	All report files, including those that should not be updated during an update, were overwritten when updating to 29.0.0. This has now been fixed.

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Bug	User management	AST-7354	There was an error when sending a message to more than one user (File - message to user) because the primary key for table messages was not unique. This has now been fixed.
Bug	Worklist	AST-7427	Patients were not transferred from the worklist when current exam date/time was selected for transfer. This has now been fixed.
Bug	PAS/HIS interface	AST-7350	The option "Patients must be booked from HIS" is now available for any type of HL7 interface.