

astrai
software for women's health

Fetal Neurosonography

Fetal neurosonography is a highly specialized field, which requires a systematic approach and considerable experience. The astrai Fetal Neurosonography module is designed by and for experts in Prenatal diagnosis to ensure the highest quality during examinations.

A clear navigation-menu and prompts for examination-steps in fetal brain morphology and biometry, assist you in deciding on the best strategy for your patient.

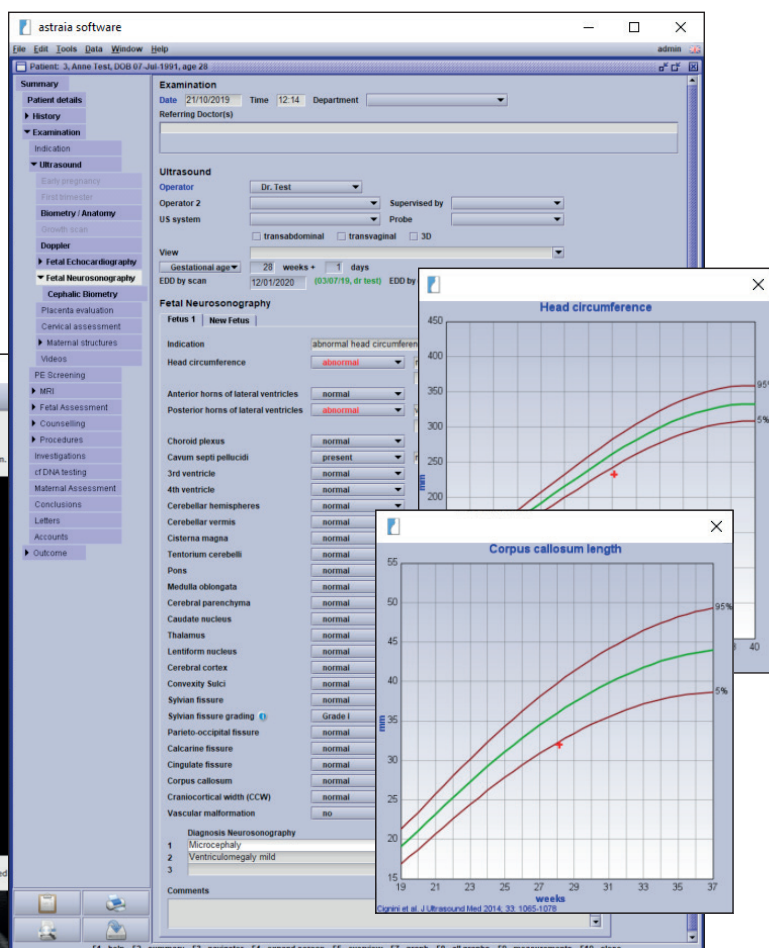
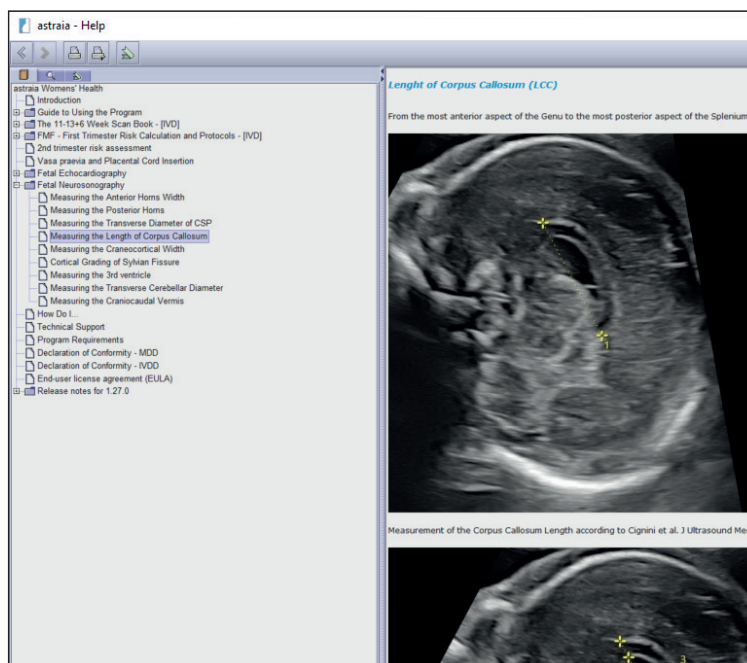
The results from these measurements can be displayed graphically.

Help files with example ultrasound images of the measurements will guide you through the highly complex procedure. This feature also enables the astrai Fetal Neurosonography module to act as an excellent tool for advanced training in ultrasound diagnostics of the fetal brain.

The astrai Fetal Neurosonography module is embedded in the astrai Obstetrics module.

With the Fetal Neurosonography module you can...

- + Document in detail the results of your Fetal Neurosonography examination.
- + Make use of a step-by-step support for the highly specialized examinations.
- + Train yourself and others with astrai's integrated context-based help files.
- + Use it as an integrated part of your obstetric module.



Well organized administration of data

astraira makes it possible for you to have a comprehensive, structured and always accessible documentation finished when the patient walks out of the door. When the patient comes in for the next visit, all medical history and previous examination data is available to you and can be reviewed at one glance. astraira minimizes the need of keeping paper based notes, reminders and documents. That does not only reduce storage space and printing costs, it also stops the hassle of manually searching for archived documents.

Structured reports

You can generate appealing reports containing all relevant data with just one click. A set of standardized reports is available for all major exam types. With their clear design and your personal letter header, the reports are a great way to present your examination results and diagnosis to patients and colleagues. Images, drawings and charts are added easily to each report. You can share your reports by e-mail, printouts, fax or internal network.

Highly customizable program

astraira's strength is to meet the individual needs of our customers. The modular structure allows you to decide exactly which modules you need. Within astraira you can furthermore adapt the screens to your clinical workflow - distinguishing even the different workflows of user groups.

Exact imaging and measurements

Transfer DICOM images, clips and volumes (3D/4D) with one click from your ultrasound device to astraira, adjust them and make annotations. Measurements can be taken directly in the astraira Image Viewer and values transferred automatically to the right data field. Being unambiguously assigned to the patient, no images are lost or mixed up.

Seamless network and interface integration

astraira is able to communicate with external systems and devices. Within a network, astraira transfers images, measurements and patient data smoothly between workstations, ultrasound machines, PACS, hospital information systems and laboratory devices. Using DICOM, HL7 and other standards, astraira links all diagnostic instruments of virtually all manufacturers and integrates seamlessly with existing patient and hospital information systems (HIS).

Utmost safety and quality control

astraira has been designed with safety in mind. All data is stored safely in a database that allows automatic backups at a customizable predefined schedule. A built-in audit trail tracks exactly who entered, changed or printed what and when. This feature does not only prove consistency and avoid fraud, it also helps to monitor users for quality control.

Translated and localized versions

astraira is available in more than 20 languages. You can switch quickly between languages - even during the examination - to facilitate communication in a multilingual environment or participate easily in international multi-centre studies. For various regions astraira offers specific screen presentations to meet best the local requirements. All astraira translations pass a strict quality assurance procedure. Our translators are native medical professionals with high reputation in their countries. We put a lot of effort into detail and consistency, and we are very proud to have established this unprecedented standard and a unified medical terminology in the languages we support.

Easy query builder

The possibility to easily query data from your database is invaluable for studies and quality control. The integrated query tool offers a list of predefined queries, ready to be used. Building your own - even complex - query is just as easy: click on the fields in the query builder and set the conditions. The query results can be viewed, printed or exported into various standard formats for further processing. You can also export and share your queries with colleagues.

Profound analysis with statistical audit tools

The statistical audit tools allows you to do a profound analysis of the 2nd trimester biometry measurements, FMU and EPU statistic, a KC65 Colposcopy report, and of course the First Trimester Audit, which is sent directly to the Fetal Medicine Foundation London, UK. Audits can be run for each individual sonographer separately or for a whole centre. The Automatic Audit option offers you to perform a set of database queries at a preset time. All queries can be synchronized between centres via the internet. And, of course, all data is encrypted.

Certified quality

Software used in a clinical environment has to fulfill highest quality standards. With astraira being classified as medical device Class IIa, and in some countries as IVD, we know one thing is key: medical software has to be safe. Besides regular internal quality audits we undergo a yearly external audit performed by our local authority to make sure all our processes are flawless. There is no room for failure.

World class customer support

We are famous for our personal and qualified customer care. Whether you need our hotline service, remote support or training on site, our Service & Support team is available to ensure on-time and efficient support. With our Software Maintenance Agreement, you always receive the latest software upgrades to assure that you are up to date with features and software improvements.



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