

STAN® integration

- ST analysis in Mosos -

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STAN® events now also in Mosos

The recent certification of the Mosos software by the Swedish manufacturer Neoventa Medical AB – supplying STAN® systems all over the world – is a new step towards the optimisation of BMA's own fetal monitoring system Mosos. It makes BMA one of the first companies able to say that it has realised a full ST integration with its fetal monitoring system. From now on STAN® events may also be included into the labour and delivery notes shown in Mosos.

What is STAN®?

The Neoventa STAN® monitor is a combination of a CTG monitor and a fetal ECG system that analyses the ST segment of the fetal ECG real-time. STAN® provides an ST analysis to gain an insight into the

babies with an oxygen deficiency at birth is reduced by half through the use of STAN®. The risk of brain damage likewise decreases. The information provided by STAN® will help gynaecologists, obstetricians and (specialist) nurses to optimise decision-making when it comes to intervening during delivery.

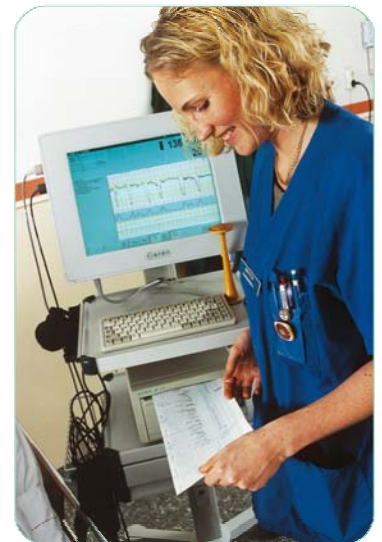


actual fetal status, with a focus on the possible occurrence of an oxygen deficiency. According to Neoventa extensive clinical research has shown that the number of

What does this mean for Mosos users?

The integration of Mosos and STAN® means that the Mosos <CTG> Console will monitor and record not only the CTG signal, but from now on also the ST events provided by the STAN® monitor.

The CTG and the ST events are shown and recorded in a single curve, in which STAN® events are marked by a highlighted yellow cube labelled S. Apart from this, the STAN® events also form part of the Mosos overview of notes. In short, the integration of Mosos and STAN® means nothing less than the automatic inclusion of STAN® events and signals into the familiar Mosos user



interface. Separate paper STAN® and CTG records are not needed any longer, because Mosos <CTG> Overview and Mosos <CTG> Archiving have been made fully compliant with the STAN® information system. The use of STAN® is also supported in our obstetric electronic patient dossier Mosos <O>, Mosos <CTG> WebConsole and our CTG home monitoring system Mosos <RC>.



The advantages of the STAN® integration

- Full compatibility between STAN® and all CTG-related Mosos applications, such as Mosos <O>, Mosos <CTG> WebConsole, Mosos <RC>, Mosos <CTG> Overview and Mosos <CTG> Archiving
- The STAN® events in Mosos will provide crucial additional information on the fetal condition and reduce the chance of an oxygen deficiency or brain damage
- Automatic recording of CTG and ST data
- Working with STAN® in the familiar Mosos environment in a way that is truly userfriendly
- Mosos <CTG> functionality guarantees the inclusion of STAN® events in a central monitoring system, the actual registration of the ST signals and a presentation that is no longer confined to a single delivery room

Technical data

The STAN® monitor signal is made up of various components:

- T/QRS ratio, calculated from 30 accepted ECG complexes and rendered as a little cross in the curve in a separate section below the CTG
- Biphasic ST from class 1 up to and including class 3, shown in the curve as a number in a separate section below the CTG
- STAN® events such as an episodic rise of the T/QRS ratio or the occurrence of a biphasic ST, recognisable as a yellow cube marked S in the curve and also mentioned in the Mosos overview of notes



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Twenty years of innovation

BMA has been developing obstetric data management systems since 1985. We see our clients as the primary source for BMA product development. Apart from our clients, our own R&D and collaboration with universities and trade & industry enable us to supply our clients with a wide range of made to measure products and services. BMA develops, implements, services and supports all products of the Mosos family. From the moment we acquire a clear picture of our clients' needs, we will take on a flexible and supporting role when it comes to helping them to manage their maternity ward system, at the lowest possible cost of ownership.

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