

# CTG analysis

**sonicaid™ TEAM**

Advanced fetal monitoring with CTG analysis



**HUNTLEIGH**

# CTG analysis

Exclusive to Huntleigh Sonicaid

The Sonicaid Team is an advanced antepartum fetal monitor with the added benefit of electronic CTG analysis providing an objective, numeric and consistent assessment of the CTG trace. Clinicians can rely on a large database of collective experience to support their own visual assessment.

## Why choose Sonicaid TEAM?

- Unique Antepartum CTG Analysis - The powerful Dawes/Redman trace interpretation tool
- Exclusive Intrapartum Trend - Trending of key parameters during labour to aid in trace interpretation (Team IP)
- 6 hours of traces may be stored internally
- Twins monitoring
- High sensitivity transducers
- User defined alarms for fetal and maternal parameters
- Seamless integration into networked environments including our Sonicaid Centrale Labour Management System



The Team range is unique in comprising two modules, with the fetal monitor, complete with graphic trace display, in one module and the printer in a second module.

## A number of models are available:

- TeamCare – Single channel antepartum
- TeamCare Duo – Twins antepartum
- TeamIP Trend – twins intrapartum

The fetal monitor is also available without the printer module. This can be used in paperless CTG environments, where the fetal monitor is connected to our Sonicaid Centrale CTG viewing and archiving system and for tele-fetal monitoring, where a print-out is not required at the point of care.

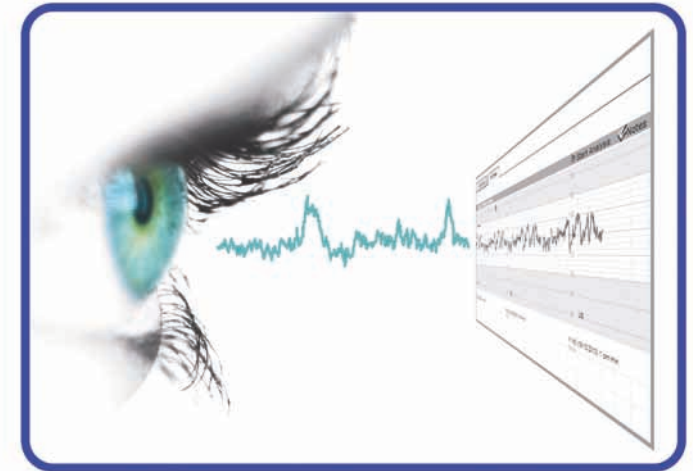
Addressing the major problem of trace interpretation being highly subjective, with a high inter and intra-observer variation, our unique Care Analysis provides an objective, numeric, assessment of antenatal traces, based on algorithms derived from the world's largest CTG database.

Developed by a team at the world-renowned Oxford University, the analysis calculates 10 key parameters, including short-term variability (STV). These data are then analysed against the powerful "Dawes/Redman" algorithm to determine if the trace meets the required criteria. Where traces fail to meet the criteria, reasons for failure are presented.

Analysis results are viewable on screen and are also printed out at the end of the trace record.

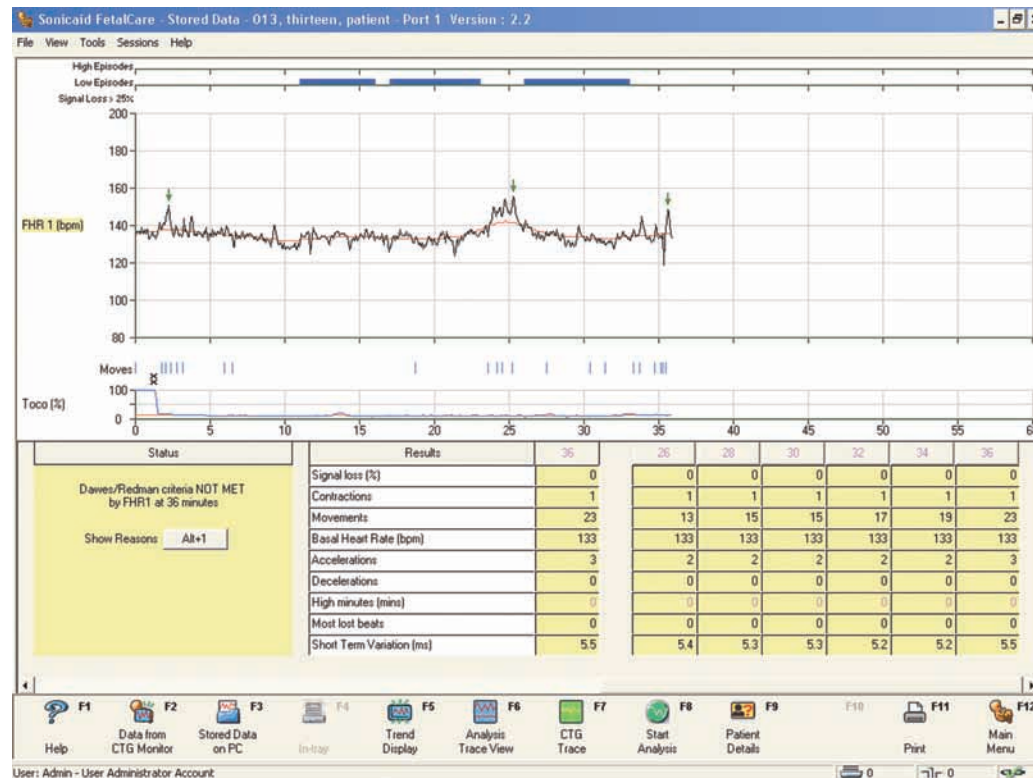
Whilst other manufacturers claim to have CTG analysis, our Dawes/Redman analysis is the only fully accredited implementation of the "Dawes/Redman Criteria" and is the only one validated against Oxford's CTG database. These 3rd party copies are based on data published many years ago. We are the sole distributor of the official Oxford software, which has been massively enhanced since the original work was published.

**Of growing concern, is the marketing of STV by some manufacturers as an indicator of fetal condition on its own. STV is indeed a powerful indicator of fetal condition, but ONLY in the context of the full Dawes/Redman analysis.**



## Fetal Heart Rate Analysis

- The **original** and **only** true Dawes/Redman antepartum analysis.
- The **only** analysis to give an in-depth interpretation.
- The **only** analysis validated against the world's largest CTG database.



# sonicaid™ Team

## Advanced fetal monitoring with CTG analysis

The sonicaid Team range is designed for simplicity in fetal monitoring. Developed in collaboration with leading obstetric specialists, the small, easy to use and lightweight unit can be transported effortlessly, within hospitals, to clinics, doctor's offices or even to the home.

The unique flat-bed printer outputs the printed trace to the side of the product in the optimum orientation for viewing the trace live.

### Features include:

- CTG Analysis
- Small, compact design for easy positioning
- User definable alarms, audible and visual notification
- Flat bed printer provides a large 'write on' surface for easy trace annotation
- Quick and easy recorder paper change
- 6 hours internal memory
- Large illuminated display provides clear monitoring at a glance.
- Scrolling display of fetal heart rate and uterine activity traces
- Records can be annotated from on-board library of clinical notes



### Team Base Unit



#### Paperless Monitoring

The Team is unique in that it can be ordered without the printer.

There is a growing trend towards paperless systems, with data being stored centrally. This has many benefits in reducing cost, storage and waste, and ensuring that traces are not lost. Traces are securely archived in a central database for remote access, expert review, training and other purposes.

All models in the range are available without the printer.

### TeamCare



#### Antepartum Singleton Monitoring

Ideal for your basic monitoring needs during pregnancy.

The TeamCare model provides full antepartum capability including one ultrasound channel, a contractions (toco) channel and a fetal movement marker.

### TeamCare Duo



#### Antepartum Monitoring for Twins

In addition to the features in the TeamCare model, the TeamCare Duo features an extra ultrasound channel allowing accurate assessment of twin fetal heart rate.

For twins monitoring, two trace presentation formats are available.

In standard mode, with a single FHR scale, each trace is printed in a different print density to aid in trace interpretation.

Deriving further benefit from using plain paper, a second user selectable option prints two separate FHR scales for twins monitoring to provide a clear presentation of each trace on its own scale.

### TeamIP Trend



#### Intrapartum Monitoring for labour and delivery

As per TeamCare Duo, with the addition of FECG monitoring and optional maternal ECG and IUP monitoring.

For FECG monitoring, TeamIP Trend supports a range of makes/models of fetal ECG electrodes.

#### Other accessories include:

- MCEG lead
- MCEG electrodes
- IUP sensor

#### Other features include:

- Automatic fetal movement "Actogram" function
- Integrated transducer storage
- Plain paper printing - this offers a wide range of benefits including 100% trace registration accuracy and high quality photocopying for training, legal representation, etc
- Extra long paper packs - at 45m per pack, this is 3 times the length of our major competitors, bringing many benefits including reduced running costs and reduced inconvenience

#### A wide range of options including:

- Long-life paper (upto 25 years image retention)
- Trolley
- \*Wireless transducer system
- \*Modem options for tele-fetal monitoring
- Long-lead transducers
- Carry bag
- Single use disposable transducer belts
- A wide range of consumables

\*Not applicable on TeamIP Trend

# e-CTG

## Sonicaid TEAM e-fetal monitoring

### Tele-Fetal Monitoring

sonicaid Team's flexibility enables at risk mothers to be monitored away from the hospital environment in areas such as the home or remote clinic.

CTG traces can be sent remotely using the tele-monitoring facility, giving the added reassurance of a second opinion, expert referral and centralised trace archiving.

The Sonicaid FetalCare optional software package provides the receiving station capability at the hospital or clinic for receiving traces via a wireless connection from the sonicaid Team.

### Paperless Fetal Monitoring

Using the fetal monitor main unit on its own, without the printer, but connected to the Sonicaid FetalCare or Sonicaid Centrale software, provides a completely paperless fetal monitoring environment.

This brings many benefits including reduced running costs and eliminating the massive paper mountain arising from having to store many thousands of traces every year, for 25+ years. The risk of traces getting lost is also significantly reduced.



# sonicaid™ Team e-Fetal Monitoring



sonicaid TeamCare Duo with printer option

Landline variant



or



Wireless GSM variant



sonicaid FetalCare receiving station software

Supplied as an option; for further information about this product, please contact your supplier or customer services department.



# Sonicaid... Total Fetal Monitoring Solutions



Software Systems



BD4000



TEAM



TEAM e-CTG



TEAM TELEMETRY



FM800E AND FREEDOM



FM800E

Product specifications featured in this brochure may vary in certain markets, or may be optional extras. Detailed Technical Specifications are available on request.

## HUNTLEIGH ...with people in mind

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### HANDHELD DOPPLERS

