



sonicaid™ FETALCARE

OBJECTIVE ASSESSMENT OF FETAL WELLBEING

Call on the

experience of over

70,000 CTGs

– decision making at

your fingertips

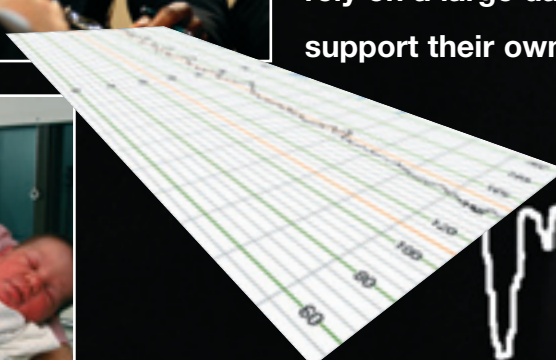
sonicaid™

sonicaid FETALCARE

...call on the experience of over 70,000 CTGs



SonicaidFetalCare provides an objective, numerical and consistent assessment of the CTG – clinicians can rely on a large database of collective experience to support their own visual assessment.



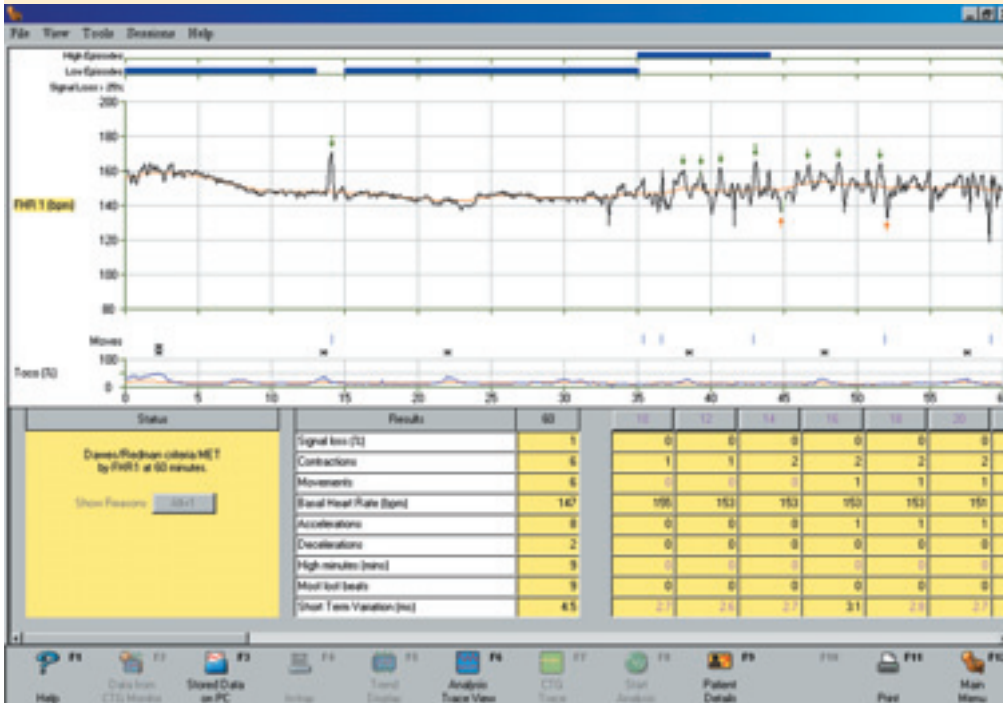
Building on more than 20 years of computerised CTG analysis, SonicaidFetalCare software is an essential tool for modern obstetric management. Running on a

PC, it receives data from the fetal monitor via a cable connection or modem. Its computerized analysis allows clinicians to measure newly-recorded CTGs against the

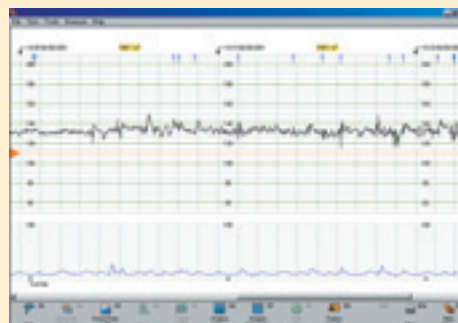
world-renowned Dawes/Redman criteria for normality. All recordings are electronically archived on the PC, and CTGs can be viewed on screen.

Powerful performance at your fingertips

- Short-term variation. Low STV is predictive of metabolic acidaemia and impending intrauterine death
- FetalCare analysis identifies abnormal trace features
- Takes the gestational age of the fetus into account
- Trend graphs allow you to track subtle changes in the CTG over time
- Numerical definition of reactivity
- Electronic archive of past records and analysis results
- Can be connected directly to two fetal monitors, plus two via modem connection
- Is compatible with all fetal monitors from the major manufacturers
- Remote monitoring allows at risk mothers to be monitored at home
- Remote access allows analysis results to be consulted from distance



SonicaidFetalCare's CTG Trace Viewer allows the clinician to view the CTG on screen without any degradation of accuracy or quality, replicating the paper trace from the fetal monitors. On-screen annotations enable clinicians to accurately record events on the CTG.



Trend graphs of the CTG parameters, STV, basal heart rate and fetal movements enable subtle changes in the CTG to be detected over time.

What does the analysis look for?

- A normal basal heart rate
- Accelerations and / or fetal movements
- Satisfactory variability consistent with gestational age
- Short Term Variation of 3ms or greater
- No evidence of a sinusoidal rhythm
- No large or repeated decelerations

SonicaidFetalCare - delivering real benefits

- Reassurance for clinician and mother
- Consistent interpretations of CTGs
- Tracking CTG changes throughout pregnancy
- Printed traces and analysis reports
- Measurement of short-term variation (STV)
- Electronic archiving and audit
- Objective analysis of the CTG
- CTG Trace display
- Trace annotation for accurate record keeping
- Tachycardia, bradycardia and signal loss alerts
- Twins monitoring
- Reduce monitoring time

...measurement not just opinion

The minimum specifications for the IBM PC AT compatible computer are:

Processor	400 MHz Pentium II
Memory	128 MB RAM
Hard disk	10 GB of available hard disk space
Floppy disk	3.5" floppy drive 1.44 MB
CD-ROM	4-speed drive or better
Graphics	Windows accelerator graphics capable of 1024 x 768 @ 256 colours
Keyboard	Standard 102 keys or 'Win95'
Mouse	2- or 3-button Microsoft compatible
Monitor	Colour VGA monitor capable of displaying 1024 x 768
Software	Windows 2000 or Windows XP operating system



Fetal Monitoring

Up to four fetal monitors can be connected simultaneously (two via modem).



Distance Monitoring

SonicaidFetalCare allows for 'at-risk' mothers to be monitored (using SonicaidTeamDM) at home or local clinic, having the CTG record being transmitted by modem for analysis and interpretation at the hospital.



Remote Access

Clinicians can 'dial in' and consult traces increasing departmental flexibility and efficiency.

sonicaidFETALCARE



ARCHIVING



ANALYSIS



DISTANCE
MONITORING



CTG
VIEWER

Intended use

The intended use of SonicaidFetalCare is for the computerised analysis and/or viewing of antepartum cardiotocograms in pregnancies from 26 weeks gestation onwards (32 weeks in the USA). It can be used on women who are experiencing Braxton-Hicks contractions but is not intended for use in established labour as the fetus is then exposed to additional factors such as labour contractions, pharmacological agents, and epidural anaesthesia.

The analysis provided by SonicaidFetalCare is intended as an adjunct to - and not a replacement for - the physician's visual assessment of a cardiotocogram. As such, SonicaidFetalCare is an aid to clinical management but not a diagnosis, which remains the responsibility of an appropriately qualified physician. Indeed, both the physician's visual assessment of a cardiotocogram and the analysis provided by SonicaidFetalCare should be considered within the context of a full clinical assessment before decisions are made regarding management. Such an assessment may include further tests such as umbilical blood flow velocity waveforms or biophysical profiling.

This product complies with EN 60601-1-2 safety standards. The CE mark indicates that it meets essential requirements of European Council Directive 93/42/EEC of 14 June 1993 concerning medical devices. Huntleigh Healthcare operates a quality system certified to ISO 9001:2000, ISO13485:2003, and the TickIT Guide Issue 5. Sonicaid is a registered trademark of Huntleigh Healthcare. Microsoft and Windows are registered trademarks of Microsoft Corporation. For the USA the following applies: CAUTION: Federal law restricts this device to sale by or on the order of a physician.

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