



## CTG-Telemonitoring



## An Idea for Health

Trium unites innovative technologies with the actual needs of clinicians and patients. For instance, the ability for clinicians to view in real time the CTG<sup>1</sup> of women in labour from any location<sup>2</sup> using a web enabled PDA. In addition the »Trium CTG Online« system also provides an analysis of the CTG, incorporating the FIGO guidelines, and the remote monitoring of the fetus at home. For the first time this provides women with a more sensitive and cost effective solution for close monitoring, without the need for repeated hospital visits.

### On Track for New Opportunities

The Trium tele-monitoring service includes a portable CTG device, a mobile radio module including a flat-rate provider contract.

The CTG data and analysis can be transmitted online to the attending clinician who can view the data with any web-enabled device.

The data is delivered in the required and usual format via a standard web browser within an IT environment that fulfils the highest security and quality standards.

### The Advantages:

- reliable, safe information and data exchange for clinicians where ever they are
- exchange of expert knowledge and consultation, independent of site
- no local software or PC hardware installation required, neither at home nor at the hospital
- archiving and easy access to all CTG recordings
- optional integration with existing central monitoring systems and hospital based fetal monitors<sup>1</sup>
- significant cost savings with greater transparency
- offers a real alternative for women whose fetus requires close monitoring

### CTG Tele-monitoring in Practise

With mobile data communication, implementing a maternal care program is made easy.

The expectant mother will be given initial training and a time schedule at the clinic.

By simply switching on her CTG monitor, she will automatically transmit her data via a safe line to the central Trium server.

If it is a non-scheduled monitoring episode, she can alert hospital staff that a CTG transmission is in progress or completed via email, SMS or by telephone.

With a standard browser, incoming data can be viewed, analysed and archived either on or offline, at any time and from any place.



### Optimum Performance and Value

Tele-monitoring represents an economically and attractive alternative for those pregnant women who require close monitoring and it will reduce the time spent in hospital. This will achieve savings of up to 100,000 Euro per annum (based on German Diagnosis Related Groups (G-DRG) weighted costs)<sup>3</sup>.

The initial contract period for CTG tele-monitoring is two years. Based on a fixed monthly cost, Trium will provide you with a mobile CTG device, a mobile radio appliance and a flat rate provider contract, plus a »Trium CTG Online« server license.

After the contract has expired, the CTG hardware becomes your property.

<sup>1</sup> Any modern fetal monitor can be connected provided an appropriate coms card has been fitted

<sup>2</sup> Provided they can access a GPRS signal

<sup>3</sup> At a maternity clinic with 1,000 deliveries p.a., instead of a 9-day hospital-stay : 4% of pregnancies with remote monitoring at home for 9 days, with only 2 days in hospital