

## Catrin Hird

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**From:** Catrin Hollings <catrin.hollings@viamed.co.uk>  
**Sent:** 05 September 2012 16:15  
**To:** Catrin Hird  
**Subject:** Viamed - V1000 Foetal Heart Simulator

Dear Catrin Hollings,

The V1000 foetal heart simulator is a hand-held device, designed for use by technicians, engineers and midwives - for use in any environment where foetal heart monitors need to be tested: before use, when suspected faulty or after routine servicing.

The MHRA have reported that there have been adverse incidents where cardio-tocographs have been incorrectly configured for the American scale. The USA range is 30 to 240 BPM, whereas the UK range is 50 to 210 BPM, this can then result in the user receiving misleading traces from the equipment once the UK chart paper is installed.

The V1000 offers a solution to this in that it can be used to verify that the equipment has been configured to the correct range. This simulator allows the operation of foetal heart monitors to be verified and accuracy of displayed foetal heart rates assessed, and can be used to test monitors using standard transducers and gels.

This simulator is easy to use and offers objective testing of foetal heart monitors; rather than subjective traditional methods, or cumbersome and expensive test equipment.

The V1000 is to be used with foetal heart monitors and transducers for:

- Testing prior to use
- Fault finding and diagnosis
- Soak testing
- Simulation and training
- Use as part of a PPM procedure

Should you require any further information on this or any of our other products, please do not hesitate in contacting me.

Yours sincerely

Kind regards

Catrin Hollings  
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