

**Subject** : re: Peripheral nerve stimulators  
**Date** : Tue, 15 Jul 2014 15:01:00 +0100  
**Linked to** : Grant Rodney  
**From** : Steve Hardaker <[steve.hardaker@viamed.co.uk](mailto:steve.hardaker@viamed.co.uk)>  
**To** : Grant Rodney <[grant.rodney@nhs.net](mailto:grant.rodney@nhs.net)>  
**Cc** : SHARD (Steve Hardaker) <GoldMine User>; SNIXON (Steve Nixon) <GoldMine User>

Dear Grant,

Thank you for your enquiry and constructive comments.

Unfortunately, we do not currently manufacture or supply any nerve stimulators that quantify twitch response by the use of accelerometers. The Microstim DB3 is the latest variant of a time-honoured design that has been around since the mid 1980s, and as such, the instrument has settled down into a working design, with ongoing development being largely driven by the demands of the marketplace.

Other than fine-tuning the design and bringing it up-to-date with modern manufacturing techniques, we have not done anything towards substantially changing the way that the device operates or the method of measuring the twitch response as the market has not previously asked for it.

Your comments regarding the future of neuromuscular monitoring are interesting; it may well be time to look at moving the design forward as you suggested. Are you able to point me towards any reliable reference sources where we can research the progress in this area?

I will feed your comments and any supporting information into the product development framework and see if our technical people are willing to move forwards and develop the Microstim to meet the future needs of the market.

Thanks in advance and I look forward to hearing from you.

Regards,  
Steve

Steve Hardaker  
UK Sales Manager  
Viamed Ltd.  
<http://www.viamed.co.uk>  
email: [steve.hardaker@viamed.co.uk](mailto:steve.hardaker@viamed.co.uk)  
Tel: +44 (0)1535 634542  
Fax: +44 (0)1535 635582

Twitter: [twitter.com/ViamedLtd](https://twitter.com/ViamedLtd)  
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[Sent via Goldmine]

> Hello  
>  
> I have received a flyer about Viamed microstim DB3 supramaximal nerve  
> stimulators.  
>  
> We use these in my hospital.  
>  
> I have an interest in muscle relaxation and monitoring.  
>  
> These monitors are keenly priced.  
>  
> However I think the future in neuromuscular monitoring is the use of  
> objective monitors using techniques like accelerometry. Subjective  
> monitors like the microstim are better than no monitor use, but are well  
> documented as being inadequate at fully determining adequacy of reversal.  
>  
> Do viamed produce or market any such devices, ie ?  
>  
> If not any plans to do so?  
>  
> If not might I be so bold as to encourage an interest in this area.  
>  
> I am sure that developments in the next couple of years will push the use  
> of such devices.  
>  
> Regards  
> Grant Rodney  
>  
> Consultant Anaesthetist  
> Tel 01382 660111  
> Pager 4407  
> Ext 32175  
>  
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> \*\*\*\*\*  
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