



## Everything you need to know about SLE ventilators on a DVD

SLE has launched a new training DVD designed for the SLE4000 and SLE5000 neonatal ventilators. Presented by an SLE clinical application specialist in 16 discrete sections, it offers useful help and advice.

Covering topics from ventilator set-up, to actually using the machine, it offers helpful explanations of the various modes and settings. Using a no-nonsense approach, the DVD is an excellent tool as both a quick reference and a refresher and can also be used to explain the basics of the ventilator to staff new to ventilation.

Chris Worrell, SLE's Marketing Manager introduced the new DVD as being "a great addition to SLE's clinical support materials, and something that new hospital staff will find very useful in helping to understand the extensive capabilities of the SLE5000 ventilator."

The DVD is available to order worldwide through the SLE Customer Services Department (part number Y5000/DVD/001) or see your local SLE sales specialist for further information.

**For more information contact:**  
**Chris Worrell, Marketing Manager,**  
**SLE Limited, 0751 766 0608,**  
**020 8681 4530, cworrell@sle.co.uk**  
**www.sle.co.uk**

More new product reviews are available in the Infant online directory

[www.infantgrapevine.co.uk/direct\\_front.html](http://www.infantgrapevine.co.uk/direct_front.html)

## Nanodyne products provide maximum protection against particle contamination

There is increasing concern about the effects that particulate contamination in infusion fluids may have on critically ill infants. Particles can occur due to handling of the IV set, opening of glass ampoules, incomplete reconstitution of drugs or as a consequence of drug incompatibility reactions. The size range of these particles is extremely broad and may comprise visible macroscopic particles as well as nano-scale contaminants (smaller than 0.1µm). Nano-sized materials are of particular concern as their biological reactivity may be totally different to the macroscopic presentation of the same material.

In order to provide infusion filter products which have documented retention capabilities for macro-, micro- and nano-sized particles, Pall have now validated the 0.2µm positively charged nylon membrane of their ELD96 and NEO96 filters for the retention of nano-particles, and rebranded them as Nanodyne™ ELD and Nanodyne™ NEO.

The Nanodyne products continue to provide protection against all clinically relevant contaminations over a 96-hour



period and now have extensive documented evidence of retention of nano-sized particles. As shown in clinical studies they contribute to significantly improved clinical outcomes and substantial cost savings.

**For more information contact Pall on 023 9233 8111 or [lifesciences.eu@pall.com](mailto:lifesciences.eu@pall.com)**

## State of the art ultrasound system

The Bristol Royal Hospital for Children has invested in a SonoSite S-ICU™ point-of-care ultrasound system for its paediatric nephrology unit. Dr Jan Dudley, consultant in paediatric nephrology, explained: "Renal biopsies carry a small risk of haemorrhage, which may be serious, particularly in transplanted kidneys. It is generally agreed that best practice is to use real-time ultrasound localisation. Our ultrasound system had become outdated – we knew that newer systems were available that offered superior image quality – and so earlier this year we purchased the S-ICU."

"Our S-ICU has a very specific purpose; we use it predominantly for localising for renal biopsies and occasionally for establishing bladder fullness. Ultrasound enables us to perform real-time localisation, visualising the needle as it enters the kidney and ensuring that tissue samples are collected safely. The S-ICU is straightforward to use, and the training we received was very helpful. The larger screen and huge step up in image quality, compared to our old instrument, make it much easier to follow the needle during biopsies – it is a big improvement."

**For more information contact: SonoSite Ltd,**  
**tel 01462 444 800, [ukresponse@sonosite.com](mailto:ukresponse@sonosite.com)**  
**www.sonosite.com**

