



Bayhealth Medical Center, Delaware, first to use Redsense alarm in US

Redsense Medical has received its first US order from Bayhealth Medical Center, southern Delaware's largest healthcare system. The hospital will start using the Redsense blood loss detection device during hemodialysis. Redsense Medical is currently also in contact with several large US organizations involved in the provision of hemodialysis as well as in the production of dialysis equipment.

Redsense Medical, recently awarded as "Emerging Company of the Year in European Hemodialysis" by Frost & Sullivan, addresses venous needle dislodgement, an issue which can cause serious as well as lethal incidents during hemodialysis.

In dialysis, blood in need of cleaning is drawn from the patient's artery vein and circulated in the dialysis machine. Cleaned blood is then returned to the body via the venous needle. If the venous needle becomes dislodged, the dialysis machine will continue to draw blood from the patient's artery vein but returns no clean blood to the body. It takes only a few minutes before the dislodgement can have serious, even fatal consequences.

Dialysis Nurse Manager Karen Palmer, RN, Bayhealth Medical Center:

- Needle dislodgements are rare but they do occur and unfortunately, the dialysis machines do not alarm with venous needle dislodgement due to the pressure in the needle with the flow of blood. This can be very dangerous, and it is not the best of feeling when you attempt to protect and care for patients in the safest way. I have been researching for a couple of years to find a solution that puts your mind at ease when performing all treatments, especially with individuals who may be restless, confused or who have a potential for back pressure in their access.

Redsense is the first clinically tested monitoring system for venous needle dislodgement in hemodialysis. There are approx. 1.7 million dialysis patients worldwide who are given more than 200 million dialysis treatments every year. The market is increasing due to an ageing population and the rise of diseases such as type II diabetes.

Redsense Medical is currently in contact with dialysis providers as well as equipment manufacturers in the US. They will also be exhibiting at the coming American Society of Nephrology's annual meeting and exposition during Renal Week in Philadelphia, PA, November 4 - November 9.



More information:

Patrik Byhmer, CEO Redsense Medical
Office: +46 35 10 60 30

Pam Marecki, Assistant Vice President
Marketing & Communications
Bayhealth Medical Center
Office: 302-744-7013

About Redsense Medical

After a number of incidents with venous needle dislodgement during hemodialysis at a dialysis clinic in Sweden, the clinic's technicians contacted a company specializing in medical technology. This cooperation between medical staff and engineers resulted in the startup of Redsense Medical in 2006. Redsense Medical has offices in Sweden and in the U.S. (Seattle, WA). For more information: www.redsensemedical.com.

The product: Redsense consists of two parts: a sensor patch and an alarm unit. An infrared signal is transmitted from the alarm unit to the sensor patch using fiber optic cable. In the event of bleeding, inner layers of the patch smear blood over the optical sensor, which triggers the alarm.