

New Study Proves Neoteric's BloodTrack Increases Hospital Efficiency

“Smart” Refrigerator System Dramatically Improves Blood Management and Patient Safety

VANCOUVER, British Columbia – Mar 11, 2008 - Neoteric Technology Ltd. announced today that a new study released in this month's American Association of Blood Banks (AABB) Journal of Transfusion proves that dramatic time and cost savings can be achieved by hospitals that implement BloodTrack® OnDemand. At the John Radcliffe Hospital, located in Oxford, United Kingdom, the time to access blood in the OR was reduced from 24 minutes to 59 seconds while the time required for blood bank and clinical staff to manage the blood preparation and delivery process was reduced from 117 to 34 minutes a day. At the same time, the number of blood units issued from the blood bank was reduced by 52%. The report says that BloodTrack “demonstrates the benefits in reducing the time to make blood available for surgical patients and improves efficiency of the hospital transfusion process.”

The study describes remote allocation, a new way of providing blood to patients. This process allows unallocated (non-crossmatched) blood to be stored in automated “smart” refrigerators in patient care areas such as the OR. When a blood unit is required, it can be electronically assigned by the refrigerator and labelled for a specific patient without involving the blood bank.

Blood bank staff benefit from decreased workload through fewer blood requests, fewer returned units, increased inventory visibility, and increased job satisfaction by distributing the workload throughout the day. Clinical staff benefit from quicker access to blood at the point of care, reduced manual paperwork, increased confidence in giving the correct blood, and reduced time spent managing the overall blood delivery process.

“Neoteric's BloodTrack OnDemand revolutionizes the way that hospitals provide blood to their patients,” said Dr. Michael Murphy, Professor of Blood Transfusion Medicine at the Oxford Radcliffe Hospitals Trust. “It is safer, less time consuming and we know that staff prefer it.”

“In combination with the other components of the BloodTrack suite, we can provide a complete closed loop system that ensures simpler, safer blood transfusions for millions of patients worldwide,” said Geof Auchinleck, President of Neoteric.

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About Neoteric's BloodTrack

BloodTrack is a comprehensive suite of solutions that extends control of blood products beyond the blood bank. BloodTrack Courier is a kiosk based system used at remote refrigerators to electronically track blood units and monitor inventory levels while BloodTrack HemoSafe® is an automated 150-compartment refrigerator that provides controlled allocation of blood in locations such as the OR and ER. Once the blood unit arrives at the bedside, nurses use a handheld PDA with BloodTrack Tx to scan the blood unit and patient's barcoded wristband to ensure the right patient receives the right blood. For more information about BloodTrack products, go to www.neoterictech.com/BloodTrack.html.

About Neoteric Technology Ltd.

Founded in 1997, Neoteric Technology Ltd. is a Vancouver, B.C. based company that provides health care solutions to over 150 hospitals in Europe and North America. For more information, go to www.neoterictech.com.

About the Study

Staves, J. March 2008. 'Electronic remote blood issue: a combination of remote blood issue with a system for end-to-end electronic control of transfusion to provide a "total solution" for a safe and timely hospital blood transfusion service'. Transfusion 48(3): 415-424.

The process of remote allocation is referred to in the article as Electronic Remote Blood Issue (ERBI).

The process of remote allocation is marketed by Neoteric as BloodTrack OnDemand and is integrated into Neoteric's HemoSafe® and HemoNine® dispensing refrigerators.

The Neoteric BloodTrack system is distributed by Olympus in the UK.

BloodTrack also has the ability to securely dispense crossmatched and emergency blood units.

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