

BloodTrack[®]



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Blood Transfusion

Simply the Best Transfusion System in the World

BloodTrack

BloodTrack revolutionizes blood banking

Take Control

Developed in partnership with transfusion experts worldwide, BloodTrack provides unprecedented control of blood outside of the blood bank.

BloodTrack is "safer, it's less time consuming and we know that staff prefer it."

Mike Murphy, Professor of Blood Transfusion Medicine, Oxford Radcliffe Hospitals

BloodTrack Solution Suite

BloodTrack Courier

Controls and tracks the movement of blood products in and out of hospital fridges.

BloodTrack OnDemand

Includes all the features of BloodTrack Courier as well as the ability to allocate ABO blood units at remote refrigerators.

BloodTrack HemoSafe®

Dispenses blood units in less than 30 seconds from 150 refrigerated compartments, even allocating ABO blood units on demand. The ultimate in control.

BloodTrack HemoNine

Dispenses blood units in less than 30 seconds from 9 refrigerated locking drawers, even allocating ABO blood units on demand.

BloodTrack Emerge

Secures and records O Neg and O Pos blood access in the Emergency room.

BloodTrack Manager

Alerts the blood bank to any errors. Maintains a central repository of transfusion and blood movement events to enable full blood auditing.

BloodTrack AutoFate

Allows the fate of a blood unit (end transfusion confirmation) to be recorded at the nursing station and electronically sent to the blood bank.

BloodTrack Enquiry

Enables nurses to query the location of blood units and check the status of transfusions from the nursing station. Also includes all the features of AutoFate.

BloodTrack Tx

Verifies the right blood is given to the right patient using handheld PDAs at the bedside.

AutoPPI®

Positive patient identification using 2D barcoded wristbands, enabling BloodTrack Tx deployments without the need for wireless infrastructure.

Definition of Remote Allocation

Remote Allocation is the process of assigning and labelling unallocated blood on demand at smart refrigerators outside of the blood bank.

Reduce Blood Use



By using remote allocation near the point of transfusion, blood is dispensed and transfused only when needed. Clinicians have the confidence that they can safely access and assign blood in less than 60 seconds and don't feel obligated to transfuse already crossmatched blood. Upon the implementation of BloodTrack OnDemand, empirical evidence shows that blood use decreases dramatically.

Reduce Staff Time



Experienced blood bank staff are in short supply. By reducing the labour associated with the unnecessary crossmatch, transport and return of unused blood, staff time in the blood bank is greatly reduced. At the bedside, nursing staff using BloodTrack Tx can ensure a safer transfusion with only one nurse while reducing the time required.

Reduce Delivery Time



Blood banks are often called upon to supply blood to remote locations with the risk that it may not arrive in time. By deploying a secure remote refrigerator managed by BloodTrack, you create virtual blood banks at the locations where blood is needed most. The control of blood is assured and time to access blood is less than 60 seconds!

Reduce C/T Ratio



Instead of crossmatching a number of blood units for each pending surgery, a smaller stock of unallocated blood can be made available in a remote refrigerator controlled by BloodTrack. Using remote allocation, the blood is assigned and used on demand reducing risk, waste and labour.



Reduce Blood Waste



BloodTrack ensures that the oldest blood is removed from the fridge first, ensuring that blood is not wasted when it reaches its expiry date. Sophisticated real-time inventory monitoring ensures that blood is moved around a hospital to meet changing demands. In addition, the use of remote allocation allows a blood bank to reduce the total blood inventory and the number of times it is handled, thereby reducing the risk to blood.

Modular Implementation

The modular design of BloodTrack allows you to begin implementation of any component in any location. Over time, other components can be added to build a complete solution. For example, you could start by managing an existing refrigerator (Courier), add a smart refrigerator (HemoSafe or HemoNine) and then add bedside transfusion checking (Tx).

Complete Solution

As part of the Neoteric hospital solution suite, take comfort in knowing that your hardware, software, training and implementation investment can be leveraged by adding modules such as laboratory sample collection (PathCollect®) and mother's milk management (LacTrack®).

BloodTrack ensures best practice in blood transfusion



BloodTrack Suite

FEATURE	Fate of Unit	Real Time Inventory Query	User Authentication	Best Practice Compliance	Inventory Control	Remote Allocation	Emergency Blood Access	Nursing Workflow	Transfusion Verification	Full Traceability
PRODUCT										
Paper System	●									
BloodTrack AutoFate	●		●							
BloodTrack Enquiry	●	●	●					●		
BloodTrack Courier	●	●	●	●	●		●			
BloodTrack OnDemand	●	●	●	●	●	●	●			
BloodTrack HemoSafe	●	●	●	●	●	●	●			
BloodTrack Emerge	●	●	●	●	●		●			
BloodTrack Tx	●	●	●	●				●	●	●
BloodTrack Suite	●	●	●	●	●	●	●	●	●	●

Increased Patient Safety

- Eliminates sources of human error
- Ensures positive patient identification and full compliance with Standard Operating Procedures (SOP)

Reduced Nursing Time

- Reduces the transfusion process to fewer steps
- Allows for single nurse checking
- Virtually eliminates transcription

Reduced Wastage

- Ensures visibility of all blood stocks
- Ensures oldest blood removed first
- Warns of blood unit expiry

Supports Compliance

- Ensures full traceability of every unit of blood
- Captures proof of fate-of-unit
- Provides a full electronic audit trail with details of all user interactions

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