Sunquest Blood Bank™

Sunquest Laboratory™ Blood Bank is designed to meet workflow and business needs through a comprehensive transfusion service with multi-facility inventory control, automation, and patient safety measures.

This efficient solution enables healthcare providers to manage blood products issued to patients in a hospital or centralized transfusion service. Sunquest Laboratory Blood Bank is fully integrated with Sunquest Laboratory, which simplifies installation, maintenance, and training, helping to eliminate multiple phlebotomies for patients.

**CLOSED-LOOP BLOOD MANAGEMENT**

- Designed to safely dispatch blood to the bedside quickly
- Rapidly respond to mass transfusion and emergency release needs
- Regulatory support for temperature tracking of returned units
- New usability enhancements for the processing of blood orders
- Reduce inventory overhead by use of automated, just in time electronic cross match capacities
- Automate the application of special requirements by integrating data from the electronic orders

**KEY BENEFITS**

- Multi-facility inventory control
- Barcode-enabled throughput, including inventory entry
- Automatic workload capture
- Billing information captured and sent to hospital financial information system
- Online quality control system
- Streamlined quality assurance warnings with password override
- Attribute codes on units and patients with subsequent QA checking
- Unit tag barcoded variables for accession number, medical record number, and unit number

*Giving every patient the best chance at good health*
Manage your critical care resources safely and effectively: Sunquest Laboratory Blood Bank is one of the most sophisticated Blood Bank applications in the world. Blood transfusions are the most common procedure in US hospitals, and Sunquest Laboratory Blood Bank plays a critical role in delivering safe and cost-effective transfusions to every patient, every time. It is used by many different end users within and outside transfusion services, from medical directors, to patient safety officers and blood bank technicians.

INVENTORY MANAGEMENT
- The inventory system within Sunquest Laboratory Blood Bank provides fast, accurate blood product entry via barcode readers.
- Full ISBT 128 Support - Prints ISBT 128 blood product labels for finished and further processed blood products and products intended for transfer.
- Printing can be executed on demand or automatically as a result of component preparation.
- The status of a product is automatically updated throughout the testing and issuance process.
- Security definitions allocate by facility, inventories and locations.

PROCESSING AND ELECTRONIC CROSS MATCHING
Testing results for the Blood Bank and requests for blood products are facilitated through a streamlined function using easy-to-read, user-defined grids displaying clinical results, enhancing the bench-level workflow. Blood Bank resulting can be further automated with electronic cross match, a feature that improves inventory control and increases efficiency to provide a positive return on investment.

LIFETIME PATIENT FILING
The patient file feature supports a permanent patient data file, including patient demographics, antigens/antibodies, number of units transfused, date of last transfusion, ABO type and Rh attributes, electronic cross match eligibility, antibody summary and issues or comments.

EMERGENCY RELEASE
The emergency release application offers an efficient and safe solution for trauma scenarios. Emergency release supports when patient blood type is unknown, known is surgical situations, massive transfusion and Rh ‘switch’ functionality.