

data lab **X** depot



Blood Transfusion Documentation and Storage Management

- x** better system integration
- x** better individual tailoring
- x** better process management

datalab X depot

- **datalab X depot** is a software package for management and administration of a hospital blood depot, and is either integrated into **datalab X** or is available separately as an independent product.
- **datalab X depot** is the product of extremely close collaboration between professionals from the relevant areas of medicine, as is the case with **datalab X**
- **datalab X depot** can also be integrated just as easily into a HIS environment.
- **datalab X depot** is ISBT 128 capable, and complies with transfusion medicine guidelines.

Patients

All required data and all operations associated with the patient as the receiver of a blood product are made available and supported by the system.

- Access to administrative and medical patient data from a HIS
- Capture of patient data in the laboratory in emergencies
- Amalgamation of multiple recordings of patients
- Patient-specific reservation of blood units
- Patient-specific overview of all transfused blood units
- Patient-specific transfusion documentation

Blood depot administration

- **Capture** and storage of blood units delivered, either manually, by means of a barcode reader or a data medium accompanying the units
- **Requests** either emanate from the HIS or can be executed directly in **datalab X depot**
- **Reservation** of a blood unit for one or more patients is also possible
- **Cross-matching**, blood groups, Rh factor and antibody, as well as numerous other required laboratory analyses are handled as requests by the integrated laboratory component of **datalab X**, and are displayed after release
- **Handout** of blood units reserved for a specific person, multiple reserved blood units and uncrossed units are possible. The user's attention is drawn to the specific situation by means of a warning notice. Issue requires reading and cross-reading of the barcode field
- **Removal from storage** for dispatch and destruction
- **Transfusion feedback** is generated after administration, and any possible incidents during transfusion are documented



- **Storage information** can be individually arranged via selection lists for quick, targeted information about specific products
- **Blood unit history** provides a precise log of what occurred for a blood unit and when
- **Ordering/provision** of the system allows the necessary blood units to be ordered from selected suppliers and for specific patients, if required. However, the provisioning option can also be selected if crossed blood units have already been ordered from the supplying blood bank. These blood units are either already booked out by the system when taken into storage or are administered independently of the book-in process

Maintenance, standby & system extension

- Maintenance models adapted precisely to customer requirements
- Hotline service – always staffed by qualified personnel
- System extension always in line with development in laboratories

Our customers can always rely on these important services – the services that guarantee sustainable use of a system.

Features and benefits

- ✓ electronic supported procurement logistics
 - ✓ temperature sequence recording during shipping
 - ✓ consistent history of blood products
 - ✓ administration of several storage locations
 - ✓ major cross matching for more than one patient
 - ✓ rules and regulations proceeding for blood products
 - ✓ simple system set up by application of master data
 - ✓ in conformity with ISBT 128
 - ✓ complete recording and administration of all process related data
 - ✓ standardized interfaces to other IT Systems as LIS, KIS, central blood banks and analyzers
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