



IBIS[®]

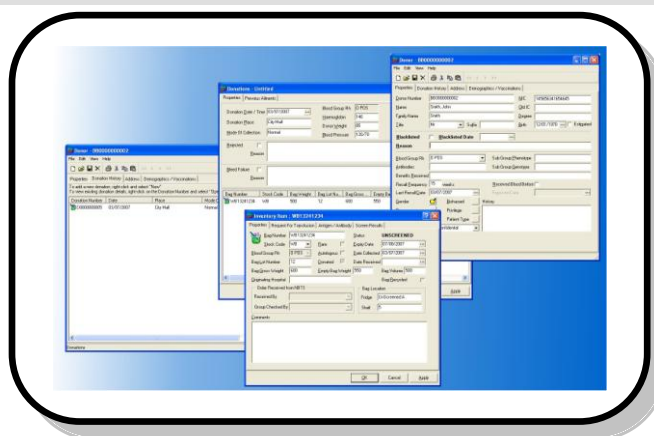
Integrated Blood Bank Information System

Overview

IBIS has been designed to be the product of choice for operating a Blood Bank service. Boasting a range of features to meet the needs of your organisation, IBIS is a cornerstone product for your organisation and has been designed from the ground up with safety, integrity and traceability in mind. IBIS is an essential tool for the daily needs of a blood bank service for donors and patients.

IBIS modules

- ✓ Donor Management
- ✓ Donation screening
- ✓ Traceability
- ✓ Production /Processing
- ✓ Inventory Control
- ✓ Unit tracking
- ✓ Dispatch
- ✓ Recipient Cross-Matching
- ✓ Transfusion checklist
- ✓ Transfusion
- ✓ Stock Ordering
- ✓ Analysis statistics
- ✓ Management reports
- ✓ Integrated with IMS Laboratory system
- ✓ Laboratory screening tests
- ✓ Equipment interfacing
- ✓ HL7 engine and messaging option
- ✓ Scheduling and appointments option
- ✓ Incident management option



Clinically Proven

The Integrated Medical Systems clinical development team work together with medical specialists, scientists, pathologists and clinicians continually to validate IMS software in clinical and blood service environments to ensure all **workflow** requirements are met.

General Features

Donor

- ✓ Each donor is assigned a unique identification number, which ensures efficient donor monitoring.
- ✓ Donor history can easily be retrieved using this number or a variety of search criteria
- ✓ Donor selection process is automated
- ✓ Donor history is checked prior to selection for such criteria as previously 'blacklisted' or that sufficient time has elapsed since the last donation.
- ✓ Reason for donor rejection can easily be added and becomes integrated to the donor history
- ✓ After donor selection a national blood transfusion service (NBTs) or hospital blood bank can effortlessly produce enrolment, forms, unit labels and pilot tube labels directly from IBIS

Stock Control and Inventory

- ✓ IBIS effortlessly controls the ordering of stock.
- ✓ Each request is assigned an order number which is automatically matched to the quantity received and any discrepancies are highlighted
- ✓ Information such as bag number, bag location, volume and expiry date can be recorded for screened blood received.
- ✓ Critically low levels for stock can be defined so that prompts are generated before stock is depleted
- ✓ Each unit is assigned a status and this is 'logged' as part of unit tracking.
- ✓ Current stock levels can easily be viewed using filters for such criteria as 'Available'.
- ✓ Special blood types can be monitored for return to NBTS expiry dates.

Transfusion

- ✓ At the bedside, wireless technology, bar code reading and written documentation combined with IBIS cross matching technology prevent errors ensuring that medical staff has reliable information at their fingertips.
- ✓ When used with our IMS suite, centralised patient medical records are available for use in combination with IBIS to provide effective pathological test ordering and results viewing.

Productivity Enhancements

- ✓ Users are able to easily and quickly access Test information and Standard Operating procedures, through the innovative Test Help and Universal document links
- ✓ Turnaround Time Statistics provide management with critical performance indicators to identify bottlenecks within the laboratory workflow

Easy to Customize

Integrated Medical Systems believes it is important for its product to be distinctly yours. IBIS software enables you to quickly and easily tailor the applications to your requirements.

Integration with Billing and other service systems such as Laboratory (ILMS), Labtalk, Scheduling (ISIS) and Radiology/PACS (IRIS) will provide the opportunity to combine medical record information with results reporting.

Quality and Security

- ✓ IMS software features full user security to cover user logon password protection, profiles and authorization.
- ✓ IMS software is developed using all international standards where relevant including HL7, ASTM and DICOM, IBS128, ISO, PKI,

Open Architecture

Secure your investment by adopting an open system. ILMS software was designed to meet a fundamental need for "software that lasts".

- ✓ Multi-Platform
 - Microsoft Windows, Oracle, UNIX/LINUX
- ✓ Graphical User Interface, object oriented,
- ✓ Modular, scalable, flexible
- ✓ Seamless integration with other IMS products
- ✓ Utilising web services,
- ✓ HTML, XML, XLS, CSS

For more information on IMS products please contact:

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