

CSAM PROSANG

Scandinavia's Leading Blood, Cell & Tissue Management System



Our Vision

Healthcare information
without boundaries

Our Mission

Enabling excellent healthcare by
providing innovative software solutions

Our Values

Caring for life



Scandinavia's Leading Blood, Cell & Tissue Management System

ProSang is an advanced Laboratory Information System (LIS) that simplifies the entire management of blood, cells and tissues – from donation to transfusion or transplantation. The system was designed to support all aspects of blood management and has evolved to include the management of stem cells, transplantation and other tissues within its comprehensive process.

ProSang is currently used by blood centres, blood donors, transfusion laboratories, clinical immunology laboratories, transplantation laboratories and stem cell facilities. It is operating in five countries, at more than 180 blood centres, in 26 healthcare regions, where it is integrated with a variety of IT systems and instruments. The system supports a wide range of integration options for different organizations.

The ProSang system has been used in Scandinavia for nearly 50 years, bringing an unmatched record of safety, security, cost efficiency and reliability.

Complete Workflow Support for Blood, Cell & Tissue Management

ProSang is a user-driven and feature-rich system that is incredibly intuitive and user-friendly. Its comprehensive functionality includes all aspects of blood management - including blood donor administration, production and analysis, as well as allocation and delivery of blood for transfusion. The system uses the same proven process for stem cells, organs transplantation and tissue management. ProSang also handles a variety of immunological examinations, including immunogenicity and tissue-type serology.

Every step in ProSang's comprehensive workflow process is designed to optimize patient safety, workflow efficiency and cost savings. The system was developed and is continuously updated in close cooperation with users to ensure it not only meets the needs of customers but exceeds their expectations.

Leukocyttfiltrert, Leuk. < 1x10⁶;
Trombocyter fra buffycoater;
Trombocyter ca 480x10⁹

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Volym/vekt XX
Løsning PAS - E
Lagringstemp 20 - 24°C



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TROMBOCYTTER
FRA FLERE GIVERE

Leukocyttfiltrert,
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Trombocyter ca

Volym/vekt XX
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TROMBOCYTTER FRA FLERE GIVERE

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50-Year History of Safety, Accuracy & Security

ProSang delivers the complete traceability of blood, cells and tissues from the donor to the recipient. The system has been developed and enhanced over more than four decades to provide customers with a high-quality workflow process that guarantees safety, accuracy and security in blood, cell and tissue management.

From the time a sample is taken from the donor, through the production, analysis and delivery to recipient, ProSang tracks every step via barcode labelling in accordance with the ISBT 128-standard. ProSang's advanced barcode technology assists in the prevention of serious medical errors and improves patient safety by automatically recognizing and alerting users if the incorrect blood, cell or tissue sample is scanned. The system's barcode labelling provides a high degree of accuracy, speed and security so that customers can take donations, produce and allocate samples with confidence.

Seamless Integration that Supports Customer Needs

ProSang integrates with electronic health record systems, hospital information systems and other laboratory systems, including biochemistry and microbiology labs. The system can also connect with population databases for automatic retrieval of important patient and demographic data.

ProSang is compatible with the majority of analysis equipment on the market. The system can electronically transmit information to and from a variety of sources, such as blood collecting mixers, blood component separators, blood typing and compatibility testing, detection of microbial growth, virus and antibody detections and biochemistry analysis results.

ProSang is fully scalable and configurable to the needs of any organization - large or small. The system can also facilitate the regional exchange of donor information as well as the exchange of blood, cells and tissues across hospitals.





THE CSAM DIFFERENCE

Proven Performance, Customer Focus

CSAM brings unparalleled experience and expertise within the Nordic healthcare market. Headquartered in Oslo with offices in Sweden, Denmark, and Finland, the company offers unmatched local knowledge, training and support to customers.

CSAM partners with customers, listening and responding to their unique needs and requirements, to develop products that deliver the greatest value for their operations. The ProSang system is continuously maintained and developed in close cooperation with users. With scheduled version upgrades, customers can rely on ProSang to incorporate the latest technical and functional developments.

ProSang is a CE-labeled medical product and complies with all laws and specifications issued by governmental health authorities in Scandinavia and within the European Union directive.



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Product features

Comprehensive Donor Administration

ProSang delivers comprehensive donor administration that optimizes donations to the blood centre with online booking, electronic health questionnaire and automatic donor reminders.

With ProSang, blood donors can quickly and easily be called in by text, email or letter. The system provides a complete registration and reporting of all blood donor data, including blood type, screening results and a full donor history. Donor information can also be exchanged between blood centres, allowing donors to visit any blood centre and ensuring their information will be on file.

ProSang also provides an overview and forecasts the availability of donors in relation to the number of donors required to ensure appropriate blood stock levels to meet demand.

Safe & Secure Production of Blood

ProSang features a rigorous process for monitoring blood donations, including preparation, labelling, implementation and approval of blood sample testing. Donated blood is automatically sent for analysis of blood type and screening tests, and results are electronically registered in ProSang through the system's integration with various laboratory systems and analysis instruments.

ProSang exceeds the high standards for efficiency and safety required in the preparation of blood units. Blood production is controlled by barcode labels which are directly connected to all activities within the system. The system also conducts automatic controls to ensure all required tests are performed and approved before blood can be registered for patient use.



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Advanced Support for Blood Analysis

ProSang provides complete process support for all activities related to the analysis of blood, including registration of orders, results, monitoring and approvals. The system supports all types of transfusion medicine testing as well as clinical immunological analyses.

The system includes a comprehensive analysis and patient information history. When registering a new sample, the user has immediate access to all historical data on the patient, such as previous analyses, serological investigations or previous blood transfusions.

ProSang automatically performs controls on all blood samples against the patient's history in the system. It can be set up to trigger specific protocols if certain conditions are met, such as an abnormal finding in the patient's blood test results.

Accurate Allocation of Blood

ProSang provides guaranteed safety and security when allocating and delivering blood to patients or returning unused blood to stock. The system registers the Blood type Antibody-screening Control (BAC) test and can perform a variety of electronic compatibility testing, including recipient-donor testing and crossmatch testing.

Upon allocation of blood units to a patient, ProSang automatically validates their compatibility. The system can also be configured to search for compatible blood units in the stock according to a patient's characteristics.

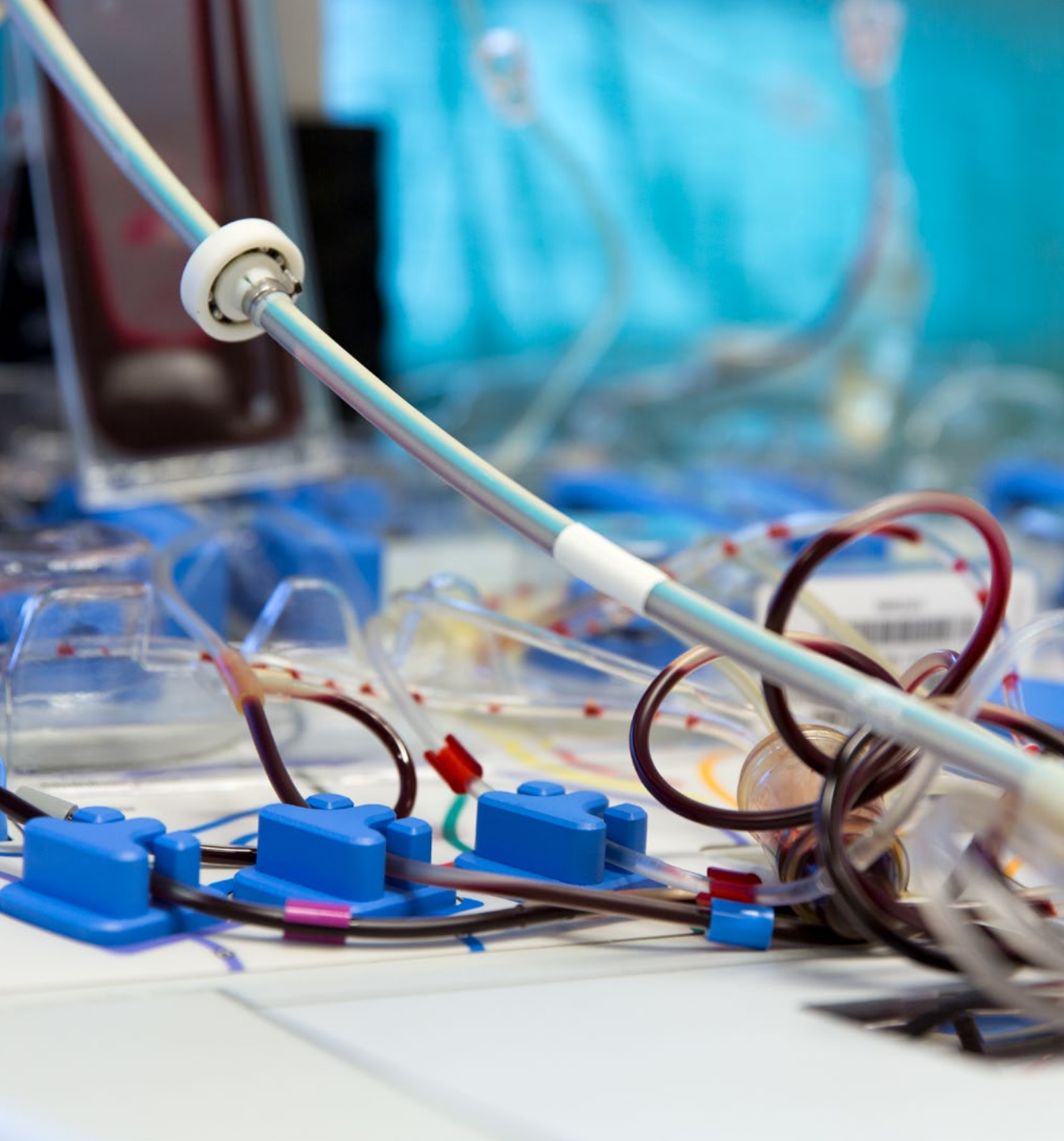
In addition to facilitating the delivery of blood from stock, ProSang also provides transfusion reporting and retrieval of unused blood. The system's functionality ensures blood stock is optimized and waste is reduced.



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