

Specialising in Stem Cells

Hematos is a highly flexible and configurable system which records immuno-genetic test data including HLA and HPA types.



Hematos Core Functionality includes:

- **Task Management System** to record and track patient events on a case by case basis, including the allocation and transplantation/ transfusion of any type of matched product or organ, and TRALI or transfusion reactions.
- **Secure data** environment for controlled and open ended entry of clinical data and events.
- **Integrated search** engine to match all types of donors and patients using a wide range of parameters e.g. HLA and/or HPA type.
- **Configurable reporting** system for test results, search outcomes and clinical cases.
- **Automated import** of HLA results from systems using Luminex technology.
- **Rapid manual entry** of HLA antibody results using any cell type or method.
- **Stock Control & Management** supports stem cell product processing, testing and issue incl. Bone Marrow, PBSC & Cord Blood.
- **Data export** to external databases such as NETCORD and BMDW.

The Hematos Difference

The comprehensive HLA functionality makes Hematos an attractive proposition for any laboratory.

Hematos incorporates a sophisticated matching algorithm to match single samples to many patients and single patients to many samples.

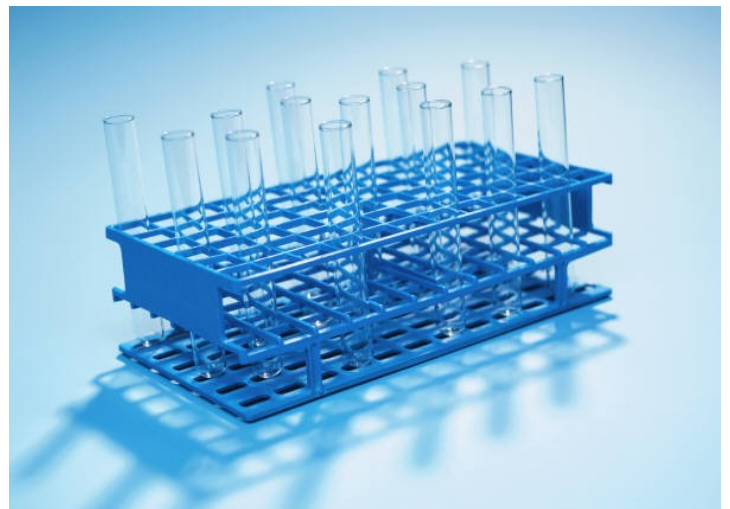
The configurable matching algorithms enable the recording of acceptable and unacceptable mis-matching and search profiles.

The task and event management functions allow the recording and prompting for specific tasks related to searching, harvesting and production of stem cell products.

Hematos offers a fully integrated module for both donor and patient Stem Cell information, including full HLA/HPA result recording.

Hematos records HLA types using any of the currently acceptable formats, including

- Serological e.g. A68
- Defined allele e.g. A*68:01
- Ambiguous allelic result e.g.
HLA-A*68:01/03/04/06/08
- NMDP code e.g. A*68:CX



Contact us to find out more about how Savant and Hematos can help you
E: SalesandMarketing@savant.co.uk T: 01524 784400 W: www.savant.co.uk

Software Solutions you can trust



Background to Savant Limited

Established over 25 years ago, Savant supplies software and database development and support services and consultancy expertise for life and business critical systems.

Savant has experience of implementing technologies for a wide range of infrastructures from national data centres to smart phones.

We work with our clients to deliver solutions that align to their strategic IT and business visions and can implement package solutions or develop bespoke solutions as required.

We provide consultancy and training in business continuity and have a software product Mataco for the implementation and maintenance of Business Continuity Plans.

We assist our clients at all stages to realise their software needs with our formal project methodology from requirements through application development, testing, training and ongoing UK based support and maintenance.

Examples from our project portfolio

PULSE - a blood establishment management system dealing with all aspects of blood and tissue donation and processing. Managing hundreds of millions of records and over 6,000 users, PULSE is the result of over 25 years development and is the world's largest centralised blood management system.

Hematos - manages the testing and cross matching of patients to therapeutic doses of stem cells and organs. Hematos runs aspects of NHSBT such as the British Bone Marrow Registry and NHS Cord Bank.

Mataco - is a cloud based business continuity software system that helps organisations create, maintain and access the plans that will keep them in business no matter what happens. The App based mobile access lets Mataco users get to their plans and documents whenever they need them.

Certifications & Partnerships

Savant Limited is certified to **BS EN ISO9001:2008** Quality Management Standard and the **ISO/IEC 27001:2005** Information Security Management Standard and is currently registered as **HP Alliance ONE Partners, Oracle Gold Partners, Business Continuity Institute Partners, Microsoft Partners** and **Motorola Enterprise Mobility Partners**.



Savant Limited A 4-12 Dalton Hall Business Centre
Dalton Lane | Burton-in-Kendal | Cumbria | LA6 1BL
T 01524 784400 F 0870 460 1023 W www.savant.co.uk

Reg. Office No. 2077844

VAT Reg. No. 708 3225 51

® Savant is a registered trademark of Savant Limited