

## Specialising in Stem Cells



Hematos is a highly flexible, configurable system which can record any immuno-genetic test data including HLA and HPA types.

Hematos includes:

- A Task management system to record and track patient events on a case by case basis. This could include the provision and transplantation/ transfusion of any type of matched product or organ, and TRALI or transfusion reactions.
- Controlled open ended entry of clinical data and events.
- An integrated and configurable search engine which can be used to match all types of donors and patients using a wide range of parameters including HLA and/ or HPA type, virology results or any other valid test result data.
- Configurable reporting system for test results, search outcomes and clinical cases.
- Rapid manual entry of HLA antibody results using any cell type or method.
- Automated importation of HLA results from systems using Luminex technology
- Management of stem cell product processing, testing and issue incl. Bone Marrow, PBSC & Cord Blood.
- Ability to export data to external databases such as NETCORD and BMDW.
- All contained within the proven Hematos secure environment.

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

The system's matching algorithm features the abilities to record the acceptable and unacceptable mismatching and search profiles.

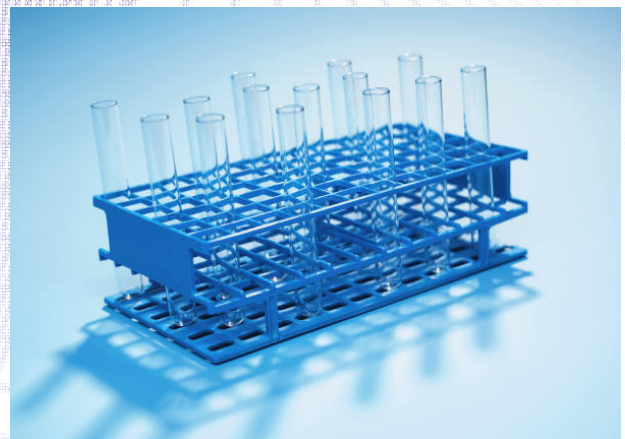
Hematos' task and event management functions are combined to allow the recording and prompting for specific tasks related to the searching, harvesting and production of stem cell products.

Underpinning Hematos' stem cell processing screens are the standard Hematos stock control and issue functions, for dispatching products to patients.

Savant has developed to include a fully integrated module to manage both donor and patient Stem Cell information, including full HLA/HPA result recording. It is possible to record HLA types using any of the currently acceptable formats, including

- Serological e.g. A68
- Defined allele e.g. A\*6801
- Ambiguous allelic result e.g. A\*6801/6803/6804/6806/6808
- NMDP code e.g. A\*68CX

Savant believes that the above stem cell functionality makes Hematos an unique proposition to all laboratories needing this level of sophistication. Contact us to find out more about how Savant and Hematos can improve the way you work.



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member

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