

SoftHLA®



SoftHLA — SCC Soft Computer's immunogenetics information management system for the modern histocompatibility and transplant immunology laboratory — provides a robust database to support immunogenetics (HLA/tissue typing laboratories focused on solid organ, bone marrow/stem cell transplantation providing recipient and donor workups, and HLA typing) for disease risk pharmacological eligibility assessment.

SoftHLA provides clinical and laboratory information management functionality related to transplantation workups for solid organ and stem cell/bone marrow transplantation, along with transfusion support and other clinical purposes. The system provides a dynamic tool for immunogenetics laboratories by providing strong database support for information analysis and management.

The enhanced functionality of SoftHLA provides users an indispensable information assessment application to track patient groups for workups in transplantation and other immunogenetic studies. As a result, clinicians have come to rely on the broad functionality and in-depth capabilities that are unique to SoftHLA. With its robust and flexible architecture, SoftHLA meets users' needs in various endeavors, from PCR-based HLA typing methods to solid phase technologies. Furthermore, SoftHLA can be interfaced with virtually any other informatics application, as well as automated and non-automated equipment to support Luminex®, flow cytometry, sequencing, and other technologies from third-party vendors, including One Lambda, Abbott, Life Technologies, and others. Full interfacing is achieved with the main NGS vendors, including barcoding and library prep steps.

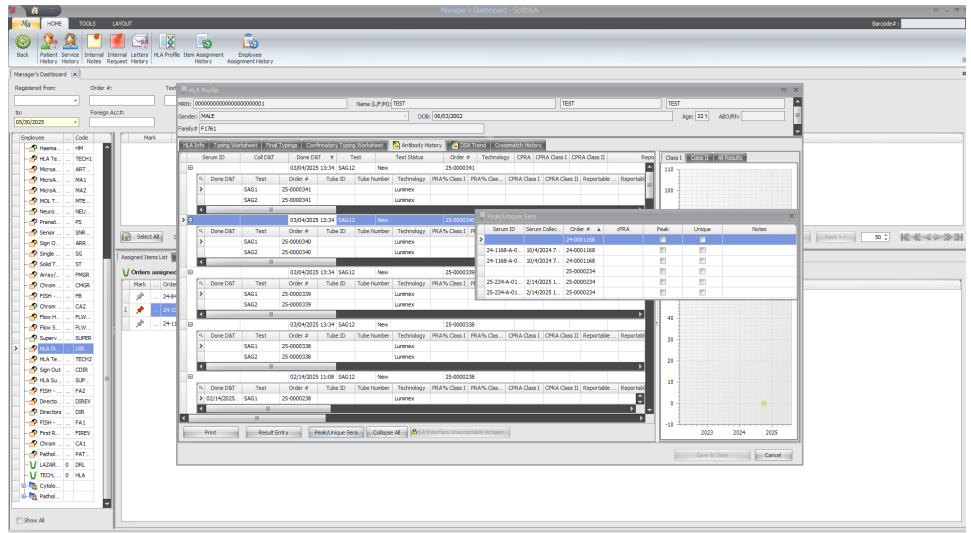
FEATURES AND BENEFITS

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| Feature: | Patient centric profiles with patient and testing histories. |
| Benefit: | Provides a consolidated historical view of the patient for easier decision making and improved efficiencies, including HLA Profile tab to maintain a patient unacceptable antigen profile. |
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| Feature: | Consolidated record for viewing crossmatch history. |
| Benefit: | Tracks historic crossmatch results against typing and antibody results to assist in donor selection and post transplant immune monitoring. |
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| Feature: | Every transplant/treatment event electronically linked to a patient through SoftHLA's customizable TX Event tab. |
| Benefit: | Enables users to maintain a complete history of significant sensitization or treatment events for assessing patient care. |
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| Feature: | State of the art clinical reporting tool allowing dynamic reporting for complex transplant scenarios. |
| Benefit: | The clinical reporting tool enables a user to choose from all result data associated with a case, and only report the most pertinent information for a transplant event. |
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| Feature: | UNOS Interface: fully functioning unacceptable antigen API & unacceptable antigen profile.
NMDP Interface: fully functioning donor HLA typing API. |
| Benefit: | Zero manual transcription solution for maintaining a patient's unacceptable antigen profile, which can be generated by all historical and current results for a patient. |
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| Feature: | Manager's dashboard for enterprise-wide workload assignment and tracking. |
| Benefit: | Provides easy case assignment so managers can match expertise to individuals or groups to maximize productivity and accomplish more with fewer FTEs. This feature also provides global access to all team members to enable immunogenetics clinical and research testing. |

SAMPLE SCREENSHOTS

Manager's Dashboard

SoftHLA's Manager's Dashboard allows work queues to be reviewed and tasks assigned to specific individuals or teams to efficiently organize work assignments and test reporting, all while allowing instant access to the specific patient's HLA Profile to assist in workflow and problem solving.



HLA Profile Tabs

SoftHLA's exclusive HLA Profile tabs, along with the Patient/Family Group and TX Events tabs, are accessible throughout most areas of the application, allowing a patient-centric point of entry for reviewing patient history, as well as for determining testing needs. The HLA Profile tabs provide a snapshot of a patient's history of typings, crossmatches, antibody testing and trending, as well as of chimerism testing. Additionally, the Patient/Family Group tab links donors and recipients, while the TX Events tab allows user-definable events to be tracked in one location.

