

GLIMS Genetics

Leading-edge
Laboratory Software
for Human Genetics





Highest competence for the most sensitive human data

As an internationally recognized supplier of laboratory information systems, we know all facets of handling the most sensitive data. We understand the processes in medical laboratories and provide reliable solutions for the complex tasks of our customers.

Our answer for human genetics is GLIMS Genetics. In GLIMS Genetics, we combine the strengths of a mature LIS for the classic laboratory areas with the special requirements in genetics, including the latest methods such as NGS. The development was carried out in close partnership with three international university clinics.

GLIMS Genetics: A software that meets all the requirements of security, availability, transparency, and integrability. Its state-of-the-art technology, multilingualism, and multisite capability back up your investment.



GLIMS Genetics stands for:



High-level automation



Shortest configuration time



Complete genetics workflow



Family management with a drawing pedigree solution

Powerful GLIMS Genetics: high-level automation and perfect integration into your IT landscape

Fits seamlessly into your IT landscape and communicates with expert systems worldwide:

As an IHE-certified solution, GLIMS Genetics fits seamlessly into your IT landscape and offers interfaces to all common expert systems (Variant Analysis, Web Database, HPO, HGNC, etc.). GLIMS supports LOINC coding, so you can even exchange data seamlessly from anywhere in the world.

Use as stand-alone, connection or LIS all-in-one solution:

GLIMS Genetics can be used as a stand-alone version with a gene panel and variant results management, interconnected with other laboratory information systems or as part of a complete GLIMS configuration with all the advantages of a powerful, modern laboratory information system: transfer of patient data and information, findings from other disciplines, extensive billing functions, list printing, statistics, reporting, connection to order entry systems, interface management and much more.





GLIMS Genetics

Human Genetics thought ahead

Integrated, digital workflows for all areas of genetics:

GLIMS Genetics covers the entire genetics spectrum and creates integrated, digital workflows for conventional and molecular cytogenetics, molecular genetics, tumor genetics, array CGH, MLPA, PCR, and DNA sequencing, as well as next-generation sequencing.

The close cooperation with international university hospitals and other partners in highly dynamic genetic laboratory environments ensures the ongoing development of GLIMS Genetics.

A dedicated screen for genetic examination:

GLIMS Genetics depicts the entire work process (PCR, Sanger, NGS, FISH, Karyotype, MicroArray, NIPT, etc.), including the creation of pedigrees. Processes and work progress are visualized graphically and clearly in a flowchart and can be seen at a glance. One click takes you to results from preliminary studies, integrated documents, or the pedigree.

Fast, comprehensive reporting of findings:

A central genetics-specific diagnosis and validation dialog provides you with all of the order's information in a clear and concise manner. Thanks to the integrated rich text function and ready-made text modules, you are flexible and can create reports in the shortest possible time. Depending on the constellation of results, the text modules are additionally enriched with order-specific details.



Create and extend workflows – GLIMS Genetics does the work for you:

Preconfigured workflows simplify and accelerate your daily work. With the integrated graphic tool, you can also graphically display, change, and expand the entire workflow yourself. GLIMS' proprietary MISPL development environment ensures the automation of the entire workflow.



Visualize your
individual workflow

A fully integrated graphical pedigree:

The pedigree is a fully integrated tool that displays the results and genetic history of the family or selected patient. The intuitive user guidance makes the extension of the family tree quick and easy.



Family management
with a drawing
pedigree solution

Genetics Counseling

GLIMS Genomics / Genetics Counseling is the clinical counterpart of genetics allowing the genetics department to cover the entire process from a genetic consultation with the patient and his family to the requested tests (genetic or other) integrating the results (from GLIMS Genetics laboratory) in a single database.

GLIMS Genetics Counseling is the perfect tool to manage your consultations and your genetic records while being connected to the hospital patient record.

Key benefits include:

- Integration of hospital consultations via HL7 interface
- Personalization of clinical forms
- Prescription of examinations during the consultation
- Management of the family's clinical file
- Family tree management
- Management of phenotypes via an interface with HPO



About GLIMS

GLIMS is our proven, international laboratory information system for public and private laboratories. It offers a single, modern platform with advanced functionality: comprehensive automation for order-entry, instrument communication, results processing and validation, quality control, results communication, reconciliation and invoicing, payment follow-up and statistics.

GLIMS supports all of your laboratory operations, helping drive improvements in efficiency and effectiveness.



The most frequently used LIS in Europe

Today GLIMS is the most frequently used LIS in Europe: **25,000 laboratory employees in 19 countries** use GLIMS each day.

25,000

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19

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Delivering in partnership

Our project management is based on the robust Projects in Controlled Environments 2 (PRINCE2), which is recognized internationally. This methodology covers management, control and organization of a project.

We work in close collaboration with our customers to ensure that our joint plans cover all tasks needed to be completed prior to putting GLIMS into operational use.

At all stages of the deployment; from initiation, through configuration, system testing and go live itself, we provide you with a single point of contact responsible for ensuring that the CliniSys | MIPS team delivers on time, to quality and to customer satisfaction. After the successful and controlled roll-out of our products, we ensure that your solution is accurately handed over to our support team who then become the first point of contact for all system queries.



Help desk dedicated to the support of GLIMS

CliniSys | MIPS operates a structured support service which follows the gold standard of ISO20000 service management procedures such as incident, problem, change and configuration management to ensure a stable, optimized, consistent level of support for all customers.

We deliver local, dedicated, multi-lingual support services. All support calls are tracked in our internal MIS and managed to agreed service levels.



GLIMS Genetics:

