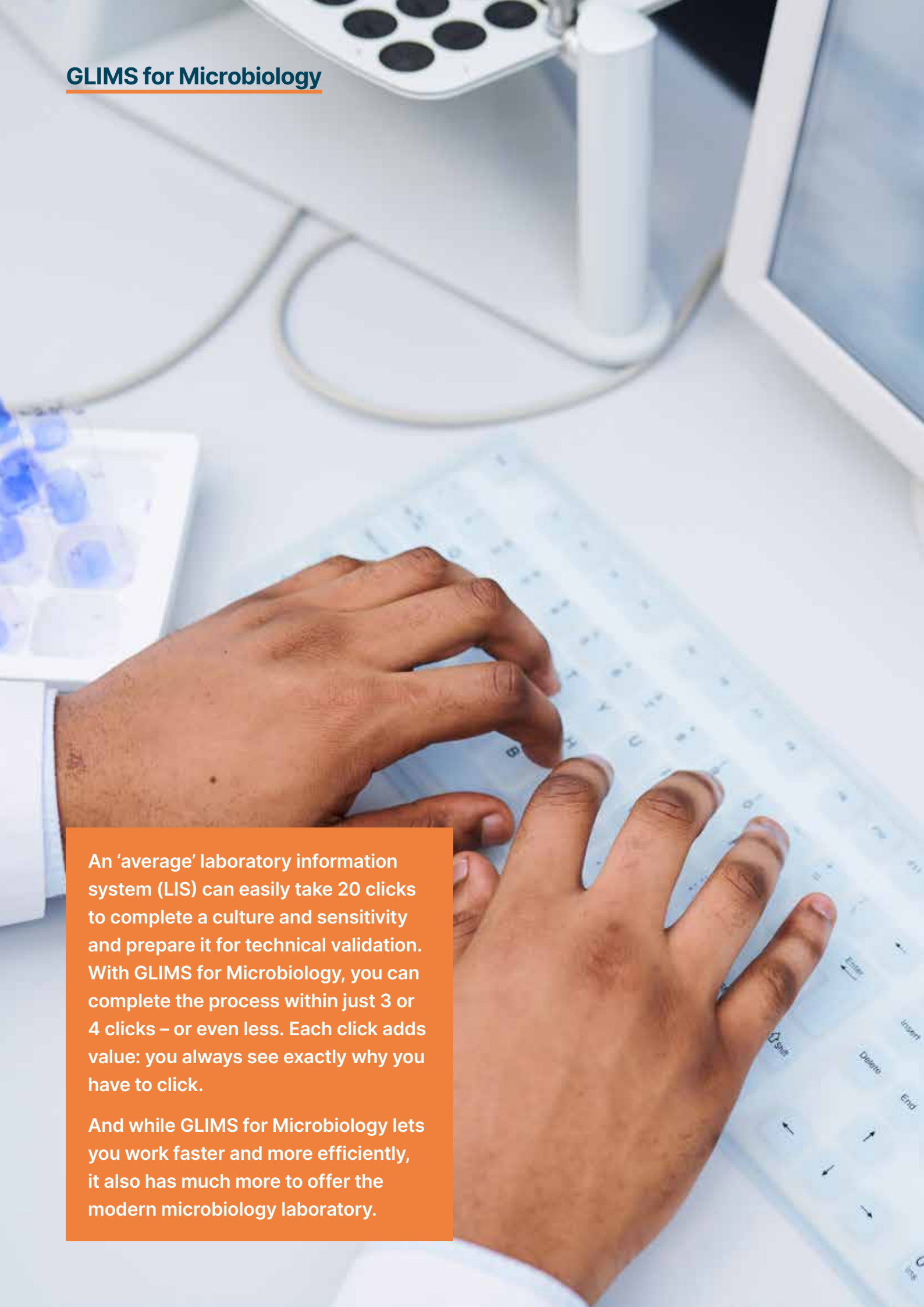


GLIMS for Microbiology

Every click
matters





An 'average' laboratory information system (LIS) can easily take 20 clicks to complete a culture and sensitivity and prepare it for technical validation. With GLIMS for Microbiology, you can complete the process within just 3 or 4 clicks – or even less. Each click adds value: you always see exactly why you have to click.

And while GLIMS for Microbiology lets you work faster and more efficiently, it also has much more to offer the modern microbiology laboratory.

GLIMS for Microbiology



Fast and easy to use:

GLIMS puts an up-to-date user interface at your disposal. With just the press of a button you can authorise a culture; the rest is handled automatically, behind the scenes.



Rich functionality for microbiology laboratories:

GLIMS provides automatic reporting of micro-organisms, a well-organised dashboard and statistics, and more.



Extensive configuration options:

You can set up the screens and reports exactly as you want.



A solution that grows with you:

Thanks to its flexible architecture, GLIMS is extremely scalable.



One central LIS for all laboratory disciplines:

You can keep track of the entire journey of the samples, across departments and disciplines.



Support for interoperability standards:

You can seamlessly and securely exchange data with other information systems and e-health platforms.



Focus on quality:

GLIMS is the ideal tool to support your compliance with the most recent international quality standards, as well as current legislation and regulations.

Working 'lean'

GLIMS for Microbiology uses the latest GLIMS 10 user interface, with a comprehensive work screen that is fully geared to the medical microbiology workflow.

You can tailor the GLIMS set-up to your laboratory processes. The end users only see the cultures that are relevant to them, so they can focus on tasks that **add value**.



GLIMS for Microbiology offers a well-organised work screen, which you can set up according to your laboratory's preferred way of working.



Negative blood cultures:
Handling of negative cultures is fully automatic with GLIMS. No manual action is required.



Interoperability and standards



GLIMS 10 supports all common international standards for data exchange (HL7, FHIR Diagnostic Report, CDA, HPRIM, LDT, ASTM, Edifact, etc.). GLIMS also supports the use of international coding systems such as LOINC and SNOMED-CT.

Via LOINC and SNOMED-CT, it is possible to share results internationally with doctors, hospitals and official bodies. LOINC helps you improve patient safety and avoid unnecessary duplication of testing. Thanks to the strong support of LOINC and SNOMED-CT within GLIMS, your laboratory can comply with local regulations and the reporting requirements of, for example eHealth in Belgium, RIVM in the Netherlands, Segur de la Santé in France and DEMIS RKI in Germany.



GLIMS is perfectly suited for working with standards such as LOINC and SNOMED CT. Laboratories can exchange data in a structured way with the national authorities, for example. GLIMS uses additional coding systems, so you do not have to adjust your internal workflow to communicate externally.

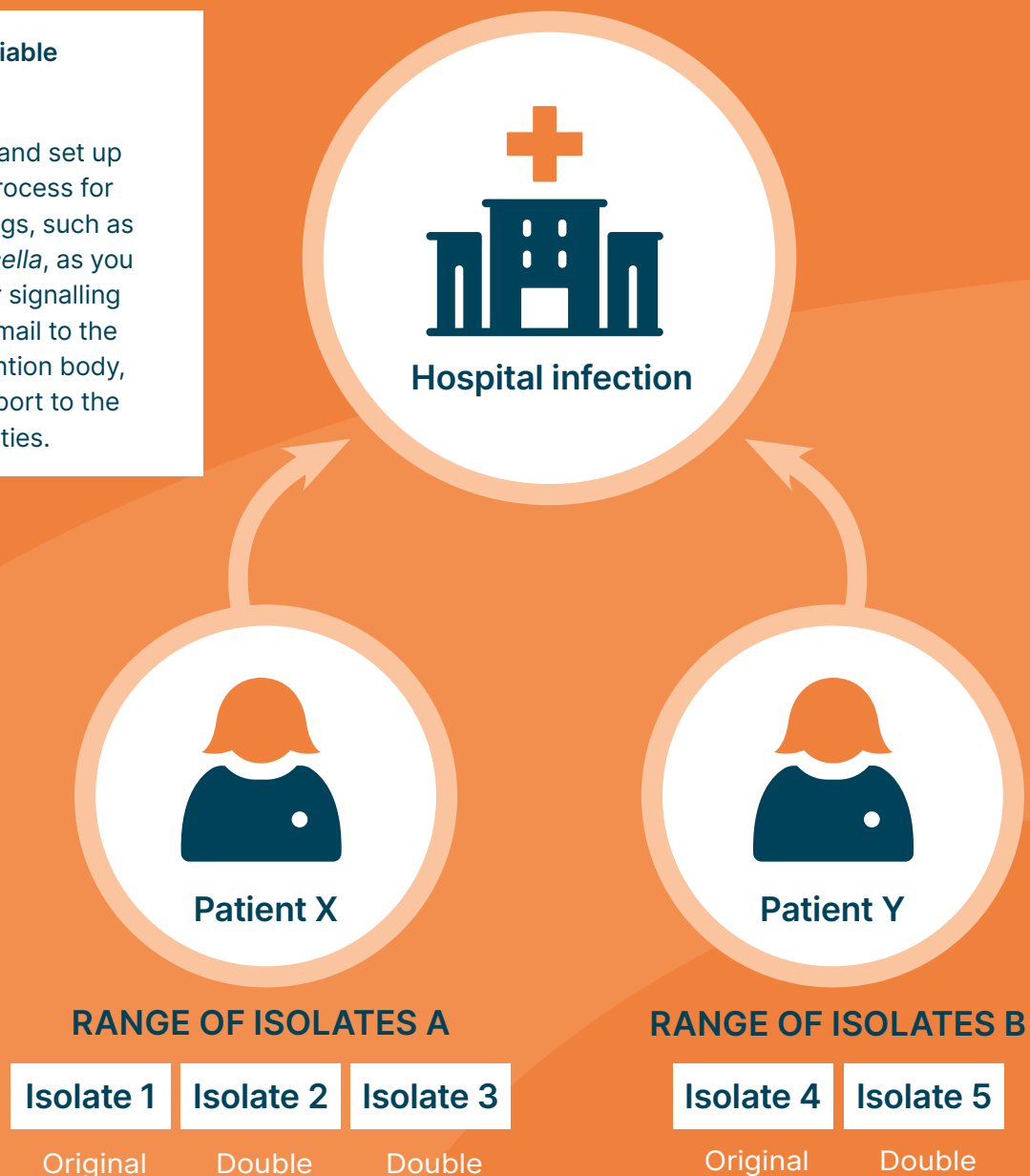
Infection prevention

GLIMS for Microbiology includes a powerful epidemiology module that allows you to track and report on hospital infections, effortlessly. Supporting rapid, reliable communication of critical information, GLIMS can thus play an important role in your preventive measures.

- GLIMS can detect outbreaks of hospital infections and mark specific isolates, bringing them to the attention of the ordering physician.
- GLIMS can automatically send an e-mail notification to healthcare professionals when a specific pathogen is found or a patient with a specific infection (e.g. MRSA or HIV) is admitted to the hospital.

Reporting notifiable findings:

Fully automate and set up the reporting process for notifiable findings, such as MRSA and *Brucella*, as you see fit: whether signalling a finding via e-mail to the infection prevention body, or sending a report to the national authorities.



GLIMS for Microbiology



A single LIS for microbiology and your other lab disciplines

The medical microbiology module is an integral part of your hospital's GLIMS. So you can effortlessly and securely exchange data with your other laboratory disciplines, such as clinical chemistry, haematology, etc. **You can follow a sample's entire journey, and you have a good overview of the patient's results from all analyses.**



Patient samples taken by the clinical chemistry department can be fully processed in the microbiology department. **No more re-entering data or pasting new sample labels!** Plus, you have a good overview of the results from all the patient's lab tests, with full traceability of the sample's entire journey.

Seamless integration with your hospital applications:

A patient in the emergency department or intensive care shows signs of sepsis: it is critical that the treating physicians have real-time access to the patient's infection results. You can achieve this through integration with GLIMS or via CyberLab. Both applications include "patient attributes" that allow the clinician to see at a glance whether a patient belongs to an at-risk group.

Consult registration

Keep track of consultations with referring physicians and other care providers, with this completely new module. By structuring the registration of consultations between referrers and lab specialists, this tool helps you to easily document and streamline consult discussions, as well as trainee education.

You can customise the layout and content of the consult form, to improve the quality of your consultative service and to ensure guidelines are met. And you can easily look up consults and statistics, such as how many consultations your laboratory specialists perform each week.

GLIMS for Microbiology

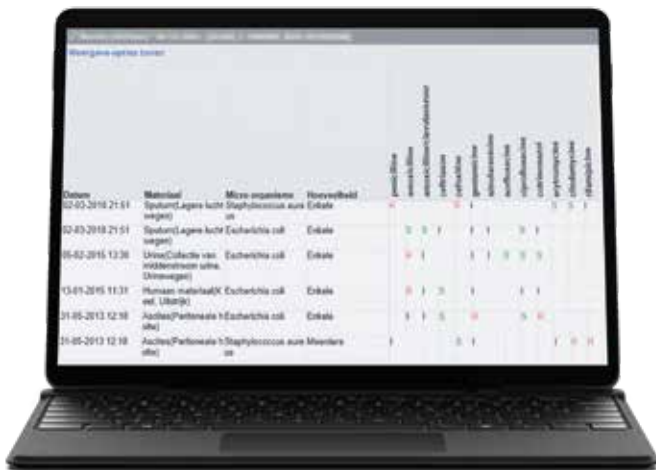


Total Lab Automation (TLA) and microbiology?

Are you thinking about automating your laboratory? GLIMS is ready! It seamlessly integrates with the tracks of the leading vendors, and supports **all logistic sample processes in the automated laboratory.**

Screen synchronisation

We have worked closely with suppliers BD and bioMérieux to establish well-functioning interfaces between GLIMS and their automated laboratory systems. We are proud of the result: a complete screen synchronisation with BD Kiestra™ ReadA, BD Synapsys™ Microbiology Informatics Solution and WASPLab®.



Integration of CyberLab or your own results tracker

GLIMS seamlessly integrates with CyberLab, which gives you access to an extensive range of microbiology reports. For example, see **at a glance which bacteria have been cultured and how their resistance to antibiotics is evolving.**



Business Activity Monitor (BAM)

Quickly and easily visualise and monitor your business activities/workflow processes (including orders, results, microbiology tasks, reporting, and more) and KPIs, on the interactive dashboard. Progress and performance can be overseen centrally on a single screen.

Any user can easily create and customise a dashboard for their own needs, as well, enabling them to save time and money by optimising their workflows.

The intuitive tool provides:

- User-friendly easy querying
- Real-time overviews of your laboratory's current performance and activities
- All fully integrated in the application

