



GOAT LIS

A comprehensive healthcare
management system

The best LIS system ever



GOAT LIS



With GOAT LIS, all patient medical, administrative, and financial information is always just a click away.

By centralizing this information and offering it through a user-friendly web browser with secure connectivity, it facilitates interconnection between branches and departments, whether they're domestic or international.

The system's modular nature allows for versatile use either as a standalone system or a complementary addition to an existing one, incorporating necessary modules such as laboratory, imaging, pharmacy, and more."

How will GOAT LIS benefit my company?

1. Information Centralization:

With the online and centralized availability of all medical and administrative information, you can streamline both customer service and decision-making to lead the growth of your business.

2. Remote Access and Collaboration:

Being web-based, GOAT LIS allows remote access to information from different locations. This is especially useful for healthcare professionals who need to collaborate in real time, share data and make joint decisions, regardless of their physical location, as well as management who will have immediate access to all the information necessary for optimal resource management.

3. Regulatory Compliance and Security:

GOAT LIS is designed to comply with health information security and privacy regulations. This ensures that the company meets the legal and safety standards of the healthcare industry.

4. Improvement in Patient Experience:

By optimizing internal processes, GOAT LIS contributes to an improved overall patient experience. The rapid availability of information and results can reduce waiting times and improve patient care. Results available online improve patient convenience.

Centralization of information and remote accessibility are key features that can make a difference in the management and delivery of medical services..





Presentation of the different modules

Patient

GOAT LIS is a cutting-edge clinical records management system that has revolutionized efficiency and accuracy in the management of medical information.

The system seamlessly integrates patient administrative, financial and medical data, ensuring quick and secure access to information crucial for optimal medical care.



Additionally, its ability to scan the patient's ID and other relevant documents, such as referral letters and agreements, dramatically simplifies the process of recording and storing important documents.

The management of multiple agreements is carried out in a transparent manner, ensuring efficient coordination between the patient, healthcare providers and institutions.

With additional functionality that allows for agile file location, this system optimizes the accessibility and organization of medical information, significantly improving the quality and speed of health services.





Electronic Record

The implementation of an electronic record has paved the way for more comprehensive and efficient management of patient medical records.

Our system offers a global and centralized view of the patient's medical history, allowing quick and simplified access to critical medical information for healthcare professionals.

In addition, it facilitates the creation of consultation summaries, examination reports, epicrisis and review of pharmacy dispatches, which promotes clearer and more precise communication between health care providers and the patient.

Taking advantage of the new standards that allow an important part of the medical record to be managed electronically, the physical record is very reduced and secondary to being able to care for the patient, which reduces storage costs, as well as risks of loss or delays in patient care due to waiting for the physical file.





Laboratory

The laboratory module within the management system offers a dynamic approach to the efficient management of medical test results. With agile results recording, it allows rapid capture and storage of crucial data, significantly improving process efficiency.



Smooth navigation from one result to another ensures clear visualization and easy comparison of data, facilitating comprehensive and accurate analysis. Additionally, the ability to print detailed graphs of results over time, such as glucose tolerance curves and results history, provides a deeper understanding of the patient's evolving health status.

With the ability to attach files, such as images and PDFs, to reports, including graphs generated by the analysis equipment, the system provides a complete and detailed visual presentation of laboratory results.

Management by work areas and batch order creation optimize operational efficiency, especially for business entities. The use of barcodes to track samples ensures effective and automated management of your laboratory, while compliance with ISO-15189 standards ensures the quality and accuracy of results.

Additionally, the functionality of automatically emailing reports improves communication between medical professionals and patients, providing quick and convenient access to results.





Phlebotomy and pre-analytical

With screens dedicated to the phlebotomy process, make sure you take the right samples, in the right order, and in the right containers.

Receives samples, marks any undelivered samples, and notes any comments relevant to the sample.

Records pre-analytical information, such as fasting, abstinence, or any parameter to be validated based on the selected tests.



LIS / LIMS / Automation

The use of barcodes allows the sampling process to be automated.

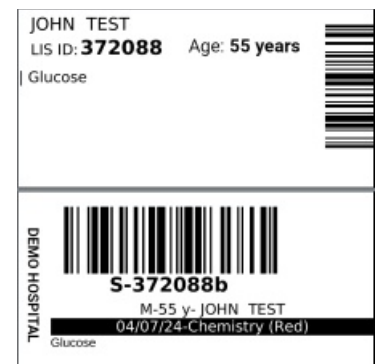
Whether in the tube sorter or in the equipment, through bidirectional communication between Clinsis and the equipment, the efficiency of its processes is improved, while compliance with ISO-15189 standards ensures the quality and precision of the results.

Sample tracking and storage

Access the entire tracking history of each sample. Where it was received, what equipment it was processed on, where it is stored, if it has already been discarded... all that is just a click away.

Do you need a tube for reprocessing?

Instantly locate which freezer it is in, which shelf, container and in which position you can find it.



Automatic validation

Define your own rules for automatic validation of results, based on quality controls, previous patient results, results of other tests, and/or acceptable value ranges. All customizable by test, site, and equipment.



Quality control and temperature of refrigerators

In this module, the system allows you to access online the quality control data of your equipments, either through the controls sent by the equipment itself or the controls entered manually in the case of non-interfaced equipment.

Users can view Levey-Jennings plots of controls directly in the system and compare them with data from previous dates. The system also automatically applies Westgard rules, ensuring accurate and reliable assessment of data quality.



In addition, a centralized record of all incidents that may occur in the laboratory is offered, such as patient complaints, incorrect use of tubes, equipment errors, typing errors or misidentification of samples, among others. This allows detailed tracking of any issues and facilitates the implementation of corrective measures to continually improve laboratory processes.



Additionally, the system allows the recording of temperature and humidity readings of the refrigerators, which makes it possible to consult and analyze the history of each refrigerator graphically. This functionality ensures precise and effective control of the sample and reagent storage environment, helping to maintain the integrity and quality of stored materials.





Industrial laboratory module

Within the industrial module, all the results of your industrial laboratory are managed comprehensively and efficiently.

This module handles the concept of samples as well as related customer information.

Combining features of the laboratory module facilitates the analysis of results, using templates for consistent presentation of data and comments.



Clear visualization of work progress and pending tasks improves organization and productivity in the industrial environment, ensuring efficient workflow.

The ability to attach files, such as images and PDFs, to results reports and the ability to embed these images directly into the report improves the visual presentation of data, facilitating clearer understanding by clients and internal users.



The use of barcodes to track samples guarantees traceability and correct management of samples within the industrial environment.

In addition, the automatic sending of reports by email and the inclusion of QR codes in the reports for online validation streamline the delivery and verification of results, improving the efficiency and accessibility of information.



Pathology laboratory

The pathology module within stands out for its comprehensive focus on the efficient management of pathological results and samples.

It provides detailed sample tracking at every stage of the process, ensuring data integrity and accuracy throughout the entire analysis cycle.

Specialized handling of biopsies and cytology allows for a complete and detailed evaluation of the specimens, contributing to a more accurate and effective diagnosis.

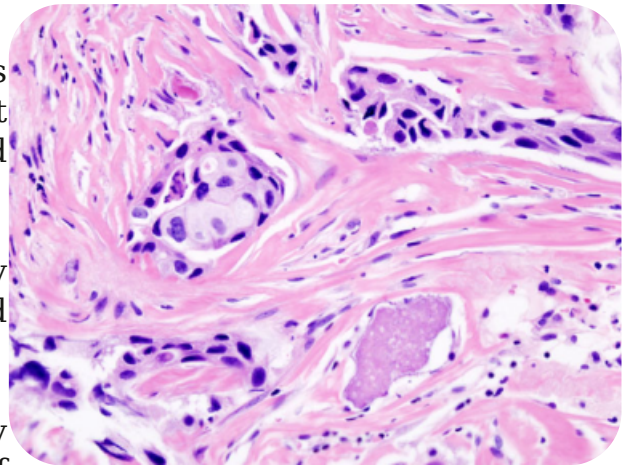
Clear visualization of work progress and pending tasks optimizes laboratory organization and productivity, contributing to effective workflow management.

The ability to attach files, such as microscope images and PDFs, to results reports and the ability to embed these images within the report improves the visual presentation of data and promotes clearer understanding by medical professionals and patients .

With exclusive security levels for the pathology module, the confidentiality and privacy of sensitive data is guaranteed, maintaining strict control over access to information.

The use of barcodes to track specimens, blocks, and slides, along with effective archiving management of these items, ensures traceability and proper preservation of specimens, contributing to the integrity and quality of pathology data.

Together, these elements make the pathology module a comprehensive and secure tool for the efficient handling of pathological samples and results.





Cashier and Billing

The cashier and billing module stands out for its ability to ensure accurate and complete collection of all exams, services and products consumed by customers.

This centralized system provides a comprehensive and detailed view of all financial transactions related to medical services and products offered. With a focus on transparency and efficiency, the system ensures that every exam performed, every service provided, and every item consumed by the customer is properly recorded and accurately billed.



Transaction management functionality across multiple locations and checkouts ensures effective coordination and accurate accounting across all points of sale and service areas, ensuring complete coverage of all services and products offered at each location. Additionally, the credit management system allows for close monitoring of credit transactions, improving transparency in billing and record-keeping.

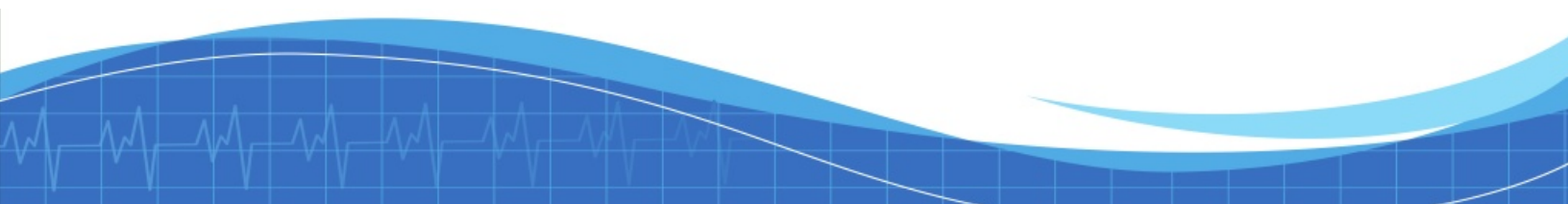
Efficient printing of invoices and cash receipts streamlines the billing process and provides customers with clear, detailed documentation of services and products purchased. With the management of proformas, requisitions and certificates, the system facilitates the generation and monitoring of essential financial and administrative documents, ensuring effective management of billing and accounting.



Management reports dedicated to billing and cash flows provide a strategic and analytical view of financial operations, facilitating informed decision making and the development of effective

financial strategies.

Together, these features guarantee a comprehensive and transparent billing process, ensuring that all transactions are recorded and charged accurately and completely.





Attention ticketing system

The ticketing system implements an efficient organization of patient flow, optimizing the user experience throughout their visit.

By managing with the same ticket the flow of the patient between different positions, such as reception, checkout and sample collection, the system guarantees a fluid transition between stages of care, ensuring effective and orderly management of the patient queue.

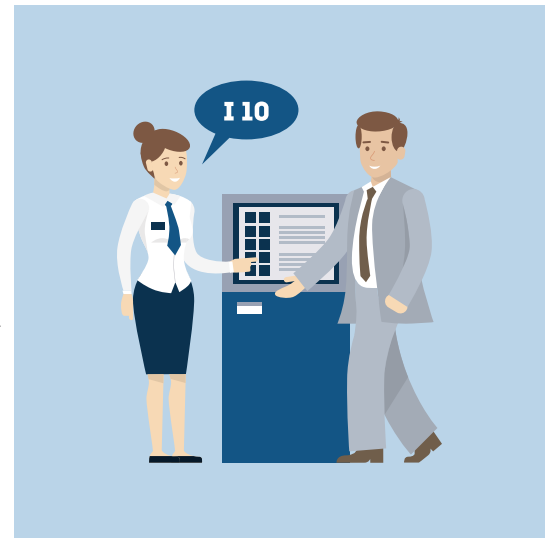
Flow management by branch, customizable according to the specific needs of each location, allows precise adaptation to different service environments.

With the implementation of a care kiosk equipped with a touch screen, the system allows patients to easily select the type of care they require, automatically generating a ticket that indicates their position in the queue. Calling patients on a television screen further speeds up the process, improving communication and efficiency in waiting management.

The possibility of defining the priority of care according to the type of patient guarantees more effective and personalized care, satisfying the individual needs of patients based on their medical condition or level of urgency.

Real-time statistics showing the number of patients served and queued, along with information on patients who left before being seen and average wait times, provide a detailed view of system performance and enable continuous optimization of care services.

Together, these features contribute to a more efficient and customer-oriented patient care experience.





Convenience for your customers

SMS and/or WhatsApp alerts

When the result (laboratory/imaging/industrial) is ready, the patient is automatically notified by SMS or WhatsApp. It also allows automatic sending of the report by WhatsApp.



Online results

For patients:

Review of laboratory or imaging results online via the web using a username and password. It can give them access to your complete history, online.

For external doctors:

External doctors can consult online and in real time all the results reports requested in their name, reducing the need to have the result report in physical form.

For all:

It is allowed to send result reports by email, either to the patient, to the treating doctor, to the company or laboratory that sent the sample, or to another doctor involved in the case.



Patients with treatment at home

For patients:

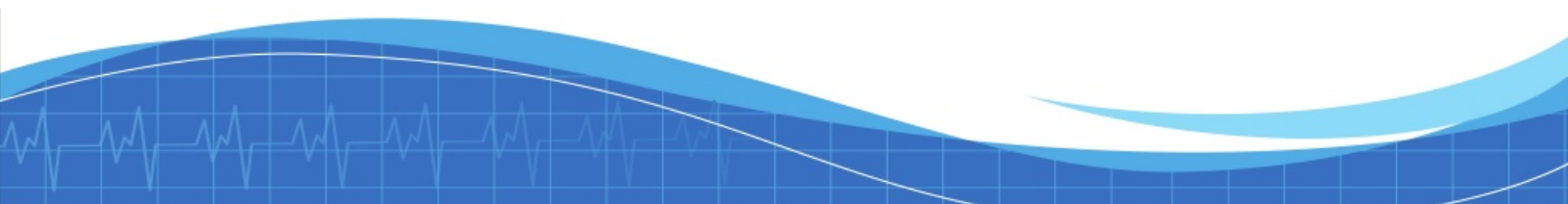
GOAT LIS allows patients to record their home measurements (glucose analysis, INR, ...) directly in Clinsis.

They can compare and graph their measurements with their previous measurements.

The system also allows the normal and critical value ranges of the tests to be specific per patient, depending on their treatment.

For doctors:

Doctors (internal and external) can consult online and in real time the results entered by their patients and mark them as reviewed.





Contingency plan

The system contingency plan has been designed to ensure continuity and efficiency in healthcare, even in situations where the primary system is temporarily unavailable.

With the ability to care for patients using pre-printed barcode labels, medical staff can continue to provide services and follow-up without interruption, even in branches where internet connectivity may be affected.



The ability to enter data from the previous day into the system in the event of temporary outages due to power or network issues ensures that critical information is recorded accurately and in a timely manner, avoiding delays in medical documentation.

With real-time database replication functionality to another server, the contingency plan provides robust protection against data loss and ensures continued availability of critical patient information.



In addition, this replication allows the system load to be distributed among several servers, which optimizes the efficiency and stability of the system, even in situations of high traffic volume or resource demand.

Together, these features ensure seamless continuity of care and ensure the integrity and security of critical patient data.





Flexibility and Evolution

The system is characterized by its dynamic and adaptable approach, which remains updated with the latest technologies and advances in the field of medical management.

Its "living" nature ensures that the system is constantly evolving, incorporating improvements and updates that reflect the latest trends and technological advances in the field of healthcare.

The system's customizability ensures seamless integration with existing processes and protocols, facilitating seamless transition and optimizing operational efficiency at each medical institution.



Seamless integration with third-party systems optimizes system interoperability and connectivity, enabling more efficient management and seamless data exchange with other medical platforms and systems. This ensures a more complete user experience and improves the accessibility and availability of data for more informed and accurate decision making.

Additionally, the ability to incorporate new custom modules ensures that the system can adapt to the changing and evolving needs of the medical environment. The ability to develop custom modules based on each client's specific needs ensures seamless implementation and integration of new functionality and capabilities, allowing for greater flexibility and adaptability as medical needs evolve over time.

Together, these features make the system a versatile and adaptable solution that remains at the forefront of innovation in medical management.





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