

# Genial

GENIALCOMPLIANCE.COM



# ***iGene***



**Complete laboratory information management system (LIMS) for genetics laboratories**



# Harnessing the power of information.

"Hospitals and laboratories benefit from **enhanced productivity, reduced errors** and **improvements in quality and compliance**, thus ensuring **better patient outcomes** and **optimal use of laboratory resources**."

**iGene is a software solution designed specifically for genomic workflows and clinical services to help digitise, streamline and improve day to day processes and information management.**

With each installation extensively tailored against the requirements of the organisation, iGene provides core functionality along with further modules configured to either clinical or laboratory applications. Hospitals and laboratories benefit from enhanced productivity, reduced errors and improvements in quality and compliance, thus ensuring better patient outcomes and optimal use of laboratory resources.



## Control

Digitise, standardise and automate workflows and processes via one secure single system. Ensure visibility and easy tracking of samples and testing.



## Collaboration

Collaborate easily across facilities, sites and teams with flexible access and permissions settings. Improve communication and task management with automated reminders.



## Compliance

Easily prepare for internal and external audits, reduce errors, maintain regulatory compliance and help eliminate inspection citations and deficiencies.

# Making lab life easier.

Originally developed in the UK, iGene is now used worldwide by leading healthcare providers, research groups and facilities to help streamline and automate processes, increase accuracy and improve patient services.

Having recently become part of the global Harris Healthcare Group, Genial's iGene continues to be developed and improved in collaboration with our growing customer base to ensure that we remain at the forefront of managed software services for this sector.



## Features and benefits

Designed specifically for use in genetics across either laboratory or clinical operations (or both), iGene has been carefully developed to solve many of the common challenges of effective information management in this field.

- Designed for genetics**
  - Built around genetics-specific workflows and protocols
  - No confusing surplus functionality
  - Fits regulatory/compliance requirements
- Bespoke implementation**
  - Extensively tailored to the structure and requirements of your organisation
  - Fully supported process including onsite consultation, system customisation, data mapping and migration
- Web-based access**
  - 24/7 access from any location
  - Easy multi-site usage
  - Enables remote working
- Managed**
  - Regular updates and enhancements in line with customer requirements
  - No internal IT resource required
  - Comprehensive telephone/online/ email support
- Secure**
  - Set access levels by user group
  - Fully encrypted
  - Detailed audit trails and change logs
  - Certified to ISO 27001:2013
- Integrations**
  - Unidirectional and Bidirectional HL7-compliant, CSV, XML or REST integration
  - Can integrate with patient systems, billing systems and lab systems/equipment
  - Inbuilt Lab Connector engine

## Our accreditations



# MODULES

## Laboratory

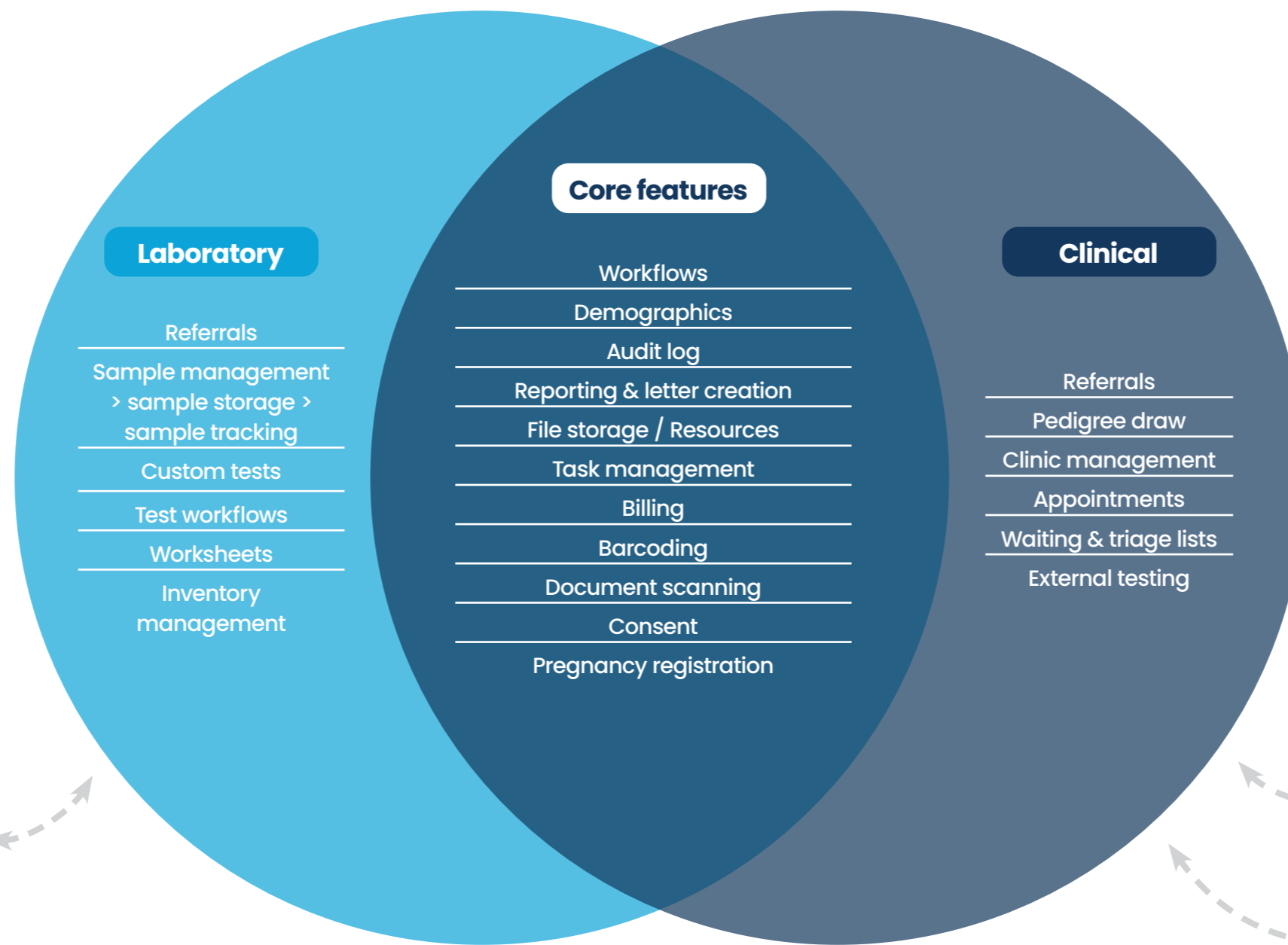
iGene provides a complete suite of tools to streamline, track and automate workflows in genetics laboratories. Custom configuration and bespoke integration with other laboratory systems allows for the creation of a seamless, tracked end-to-end journey for samples.

- ✓ Custom workflow creation, visualisation and management using BPNLM.
- ✓ Flexible test workflows for processing all types of samples including molecular, cytogenetics, parent child testing, reflex testing, failures and family testing.
- ✓ Print 1D and 2D barcodes for paperwork, charts, specimens, reagents, and plates for easy tracking.
- ✓ Comprehensive sample management including sample storage and location tracking.

## Clinical

iGene's clinical solution provides genetics departments and closely related disciplines with a complete information management system, from clinic management to extensively linked patient records, including pedigree drawing, testing, consent logging and billing.

- ✓ Comprehensive pedigree drawing tool to visualise family relationships and modes of inheritance, linked to patient records.
- ✓ Detailed patient database including unlimited contact records, patient identifiers, pedigree numbers.
- ✓ Visibility of all tests and samples against patient records.
- ✓ Complete clinic management including appointment scheduling.



**INTEGRATIONS**  
 Customisable integration with laboratory equipment and peripheral devices  
 Unidirectional and Bidirectional HL7-compliant  
 Create interfaces to laboratory equipment



**INTEGRATIONS**  
 Unidirectional and Bidirectional HL7-compliant, CSV, XML or REST integration with HIS/EMR/PAS/Billing systems for test ordering, transmission of results, reports and billing information using inbuilt Lab Connector engine





# Genial

# Contact us

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