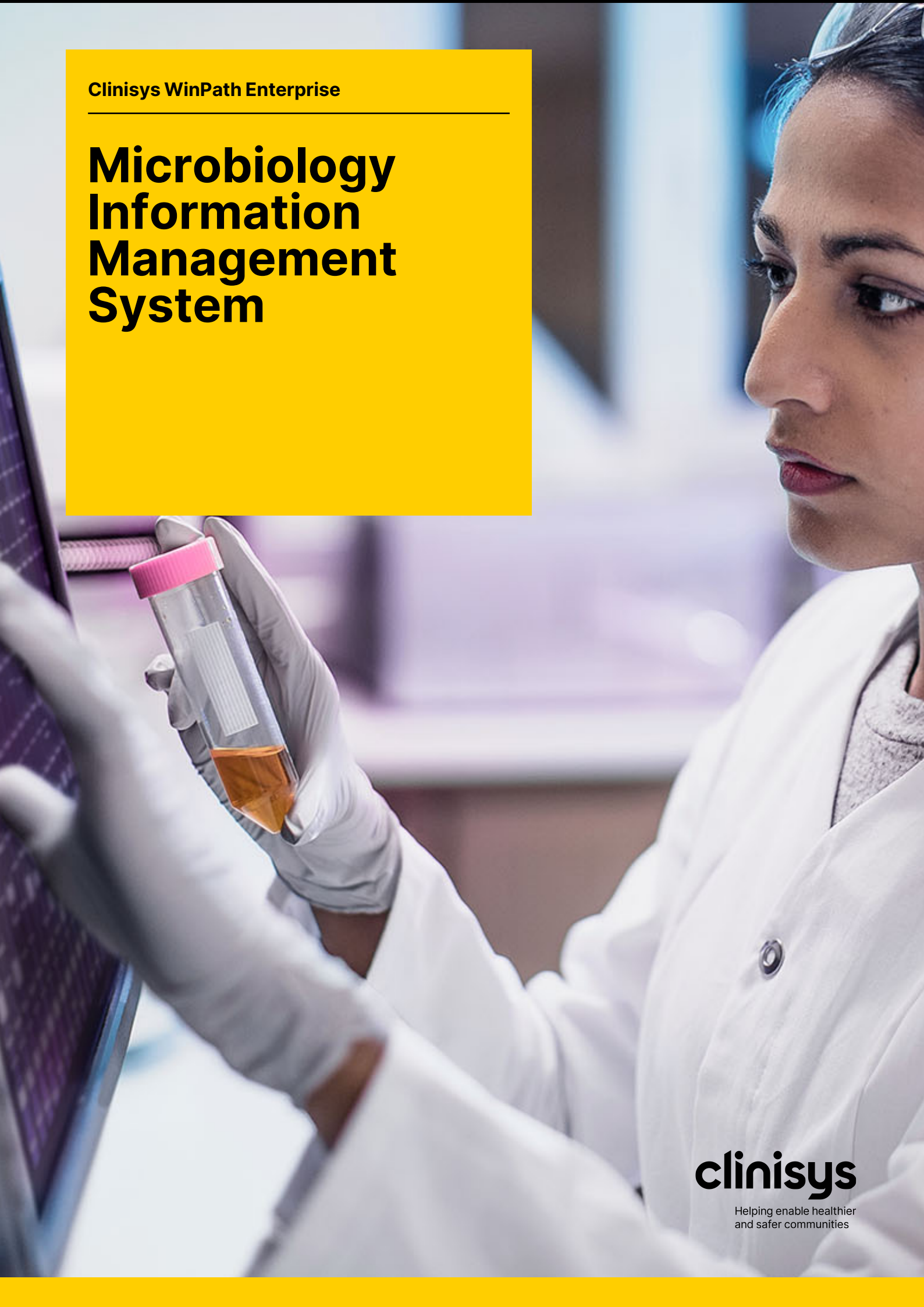


Clinisys WinPath Enterprise

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# Microbiology Information Management System



**clinisys**

Helping enable healthier  
and safer communities

# Market Leading LIMS



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WinPath is the UK's leading Laboratory Information Management System (LIMS). Combining proven performance with pioneering innovation, WinPath has been specifically developed to support the challenges and opportunities facing Pathology today.

WinPath is a comprehensive, integrated, multi-disciplinary LIMS. Extensively used in both NHS and private pathology laboratories for over 30 years, WinPath is a functionally rich and highly flexible system that enables users to adapt to change and secure the benefits afforded through the adoption of modern and Lean workflows, service optimisation and interoperability.

WinPath is fully scalable and proven across the full spectrum of laboratory operations in many different configurations from the small multi discipline laboratory, to large teaching hospitals through to complex pathology networks and multi-site configurations.

At its core, the WinPath Microbiology solution, encompassing Bacteriology, Virology, Infection Control, Environmental and Epidemiology services, provides request entry, result entry, clinical authorisation and reporting. The system is intuitive, easy to use, flexible and fully customisable.

Key features include an integral rules base, comprehensive audit trail and user defined screens throughout. The multidisciplinary and modern design of WinPath ensures that results from all departments are available for review by each discipline.

Clinisys has developed a 'Master Build' that encompasses a preconfigured system and embraces best practice workflows. This significantly reduces the time needed for deployments but still allows local configurations to meet individual organisation's needs.

# Paperless working – “Back of Form”

- Flexible sample type options
- Standardise culture protocols and reduce interpretive errors by automating plate choice
- Full support for label printing including plate labels in user definable formats
- Build and control your unique laboratory workflow; customisable around your SOPs
- Guide users through sample processes and reduce interpretative errors by using rules base and standard test batteries
- Workup activities; standardise culture identification and confirmation processes
- Ability to handle non-human / environmental samples

WinPath Enterprise : WinPath Enterprise (Microbiology Site 1) - Guest Admin Account Micro

File Edit View Patient Utilities Codes Tools Help

Patient Results Entry - 17M000040

Name: **BROWN, MARTIN, Mr** Hosp.No: **998877** Urgent:N Clinician: **AA**  
 DoB: **13/02/1960** Sex: **M** Sample type:**LEG** NHS No:**100 948 5865** Date of Onset: **/ /**  
 Clin Dets: Antibiotic Therapy: **CIP : : :**

Status: Complete Sample Flags: P Flag:

Tests	Results
t.C WOUND SWAB	
a.G Pus cells	+
a.G Gram positive cocci	: +++
a.G Gram negative bacilli	: None seen
a.G Gram positive bacilli	: None seen
a.G CULTURE	:
	1) Heavy Growth of Methicillin resistant Staph. aureus
	2) Light Growth of Escherichia coli
	1) 2)
	Augmentin (S)
	Erythromycin (S)
	Flucloxacillin R
	Fucidin (S)
	Gentamicin (S)
	Mupirocin S
	Penicillin R
	Rifampicin (S)
	Trimethoprim S [a=23] S
	Vancomycin (S) [a=6]
	Ciprofloxacin S W
	Amoxicillin (S)

\*Unauthorised or Incomplete Result\*

Authorise < Previous Next > Details Queue Save Cancel

NUM 29/01/2018 13:50

Example results entry screen

# Isolate and Sensitivity Entry

- User definable test definition and results entry layout
- Comprehensive display of the status of the request and individual tests
- Organism coded table divided into genus, species & serotype for ease of searching and action by rules base
- Ability to record growth against each isolate
- Manual and automatic reportability options for sensitivities and isolates
- Zone size interpretations
- Ability to enter and record MIC values
- User definable antibiotic panels and ability to add additional sensitivities or panels
- Extensive microbiology specific rules base facilitating flexible and automated antimicrobial reporting

WinPath Enterprise : WinPath Enterprise (Microbiology Site 1) - Guest Admin Account Micro

File Edit View Patient Utilities Codes Tools Help

Patient Results Entry - 17M000040

Name: **BROWN, MARTIN, Mr** Hoop.No: **998877** Urgent: **N** Clinician: **RR**  
 DoB: **13/02/1960** Sex: **M** Sample type: **LEG** NHS No: **100 948 5865** Date of Onset: **\_/\_/\_\_\_**  
 Clin Dets: Antibiotic Therapy: **CIP : : :**

Status: Complete Sample Flags: P Flags

Edit All View All \_CULTURE\_

No.	Isolates	Code	Antibiotic	Ab Reportable	Result	MIC	MIC Reportable	Zone Size	Interpretation
1	Methicillin resistant Staph. aureus	AUG	Augmentin	<input type="checkbox"/>	S		<input type="checkbox"/>		Sensitive
2	Escherichia coli	ERY	Erythromycin	<input type="checkbox"/>	S		<input type="checkbox"/>		Sensitive
		FLU	Flucloxacillin	<input checked="" type="checkbox"/>	R		<input type="checkbox"/>		Resistant
		FUC	Fucidin	<input type="checkbox"/>	S		<input type="checkbox"/>		Sensitive
		GEN	Gentamicin	<input type="checkbox"/>	S		<input type="checkbox"/>		Sensitive
		MUP	Mupirocin	<input checked="" type="checkbox"/>	S		<input type="checkbox"/>		Sensitive
		PEN	Penicillin	<input checked="" type="checkbox"/>	R		<input type="checkbox"/>		Resistant
		RIF	Rifampicin	<input type="checkbox"/>	S		<input type="checkbox"/>		Sensitive
		TMH	Trimethoprim	<input checked="" type="checkbox"/>	S	23	<input checked="" type="checkbox"/>		Sensitive
		VAN	Vancomycin	<input type="checkbox"/>	S		<input type="checkbox"/>	6	Sensitive
		CIP	Ciprofloxacin	<input checked="" type="checkbox"/>	S		<input type="checkbox"/>		Sensitive
		AZL	Azlocillin	<input type="checkbox"/>	S		<input type="checkbox"/>		Sensitive
				<input type="checkbox"/>			<input type="checkbox"/>		

"Unauthorised or Incomplete Result"

Authorise < Previous Next > Details Queue Save Cancel

NUM 29/01/2018 13:52

Isolate and sensitivity entry showing recording of zone size and MIC

# Worklists and Status Tracking

- User definable worklists to manage key workflows
  - Ability to monitor incomplete records and manage your outstanding day to day workload (comprehensive incompletes modules)
  - Real-time dashboards providing a graphical view of key metrics allows for proactive monitoring and alerting of potential issues. Shows performance against service level agreements and turnaround times
  - Fully integrated specimen storage facility
  - Automated handling of duplicate samples
  - Paired sera facility
  - Outbreak management
  - Cumulative history views
  - Simple facility to record media batch usage for each specimen
  - Comprehensive audit trail
- 

# Search and Epidemiology

- Simple search for a Patient or Request with ability to perform wild card searching
- Patient history searches indicating previous isolate entry
- Search not limited to Microbiology but can be extended to include other disciplines
- Business intelligence and statistical analysis for epidemiology with ability to represent statistical data in graphical formats with user definable outputs
- Monitor microbiology specific KPIs and antimicrobial trending
- MRSA screening workflows fully supported
- Monitoring of outstanding work by bench, section or test



# Clinisys WinPath Enterprise

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**[www.clinisys.com](http://www.clinisys.com)**



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