clinisys™
Helping enable healthier and safer communities

Support efficient, standardized microbiology workflows

Clinisys™
Orchard Micro Module

As microbiology testing volumes grow and antimicrobial stewardship programs become increasingly important, laboratories require solutions that support efficiency, consistency, and informed decision-making. Clinisys™ Orchard Micro Module, integrated with Clinisys™ Orchard®, helps laboratories streamline microbiology workflows, connect data across systems, and access information that supports operational and quality objectives.

Microbiology laboratories play an important role in infection prevention, antimicrobial stewardship, public-health reporting, and ongoing patient-management activities. As testing complexity and reporting requirements evolve, laboratories need workflows that support timely access to microbiology information while helping maintain consistency across testing, review, reporting, and follow-up processes. Connected microbiology workflows can help organizations align laboratory operations with broader quality, stewardship, and public-health objectives.

Support streamlined microbiology workflows

Clinisys Orchard Micro Module provides tools designed for microbiology workflows, helping laboratories support operational consistency and streamline routine processes.

- Electronic worksheets help microbiologists document observations and review results efficiently.
- Interfaces and barcode scanning support accurate specimen tracking and result management while helping reduce manual data entry.
- Batch processing tools help streamline the entry of multiple orders in high-volume environments.
- Rules-based workflows support standardized microbiology processes, including susceptibility thresholds and minimum inhibitory concentration (MIC) results.
- Decision-support capabilities support standardized cascade reporting and automated suppression workflows.
- Automated billing support and audit tools help simplify documentation for identification and sensitivity testing.
- Reporting and analytics tools provide data that can support quality initiatives, infection prevention programs, and public health reporting.

Support efficient microbiology operations

Clinisys™ Orchard Micro Module helps laboratories:

- Reduce manual documentation steps
- Support consistent microbiology processes
- Increase visibility into laboratory operations
- Support data-informed operational decisions
- Help support productivity across microbiology workflows

Support public health reporting workflows

Clinisys Orchard Micro Module supports the electronic exchange of laboratory data with public health organizations and reporting programs.

- HL7 interfaces and standards-based architecture support data exchange with public health agencies, surveillance systems, and reporting initiatives, including ELR and LRI programs.
- Configurable reporting criteria allow laboratories to define reporting requirements based on organism, specimen type, department, order selection, abnormal findings, and other parameters.
- Automated alerts and notifications help laboratory personnel identify reportable organisms and follow established reporting procedures.

Discover how **Clinisys™ Orchard** Micro Module can help support efficient microbiology workflow, operational consistency, and strengthen reporting and data management processes. Connect with us to learn more.

About Clinisys™

Clinisys™ enables healthier and safer communities as a global provider of intelligent laboratory informatics solutions and expertise that redefine the modern laboratory across healthcare, life sciences, public health, and safety. Millions of laboratory results and data insights are generated every day using Clinisys's platform and cloud-based solutions in over 7,000 laboratories across 42 countries.

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