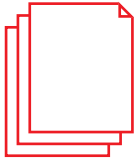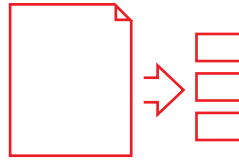# IMT OQM™

ELECTRONIC ORDERING HAS ITS CHALLENGES

Healthcare organizations face many challenges when managing the clinical orders and results lifecycle between physicians and labs. While most healthcare providers have transitioned from paper-based orders and results to EMR generated orders and electronic lab results and images, these challenges remain:
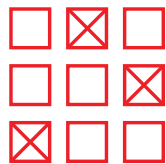
Paper-based results are not input into the patient's EMR, so results are not mapped to orders
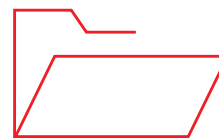
EMR generated orders don't group in the same way as test systems, requiring manual re-entry

Order codes are not aligned between systems, forcing manual entry, which can introduce errors

Key demographics are often missing from orders /results, requiring verification of patient identities

Providers often must manually retrieve unsolicited results or else they are lost or forgotten
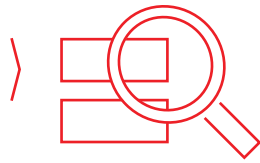
ORDER QUEUE MANAGEMENT TO THE RESCUE

IMT OQM™ (Order Queue Manager) automates the routing and reconciliation of orders and results between EMRs and the clinical test systems. Here's how it works:
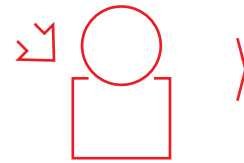
| Provider creates an order & the EMR passes the order to IMT OQM™ | OQM verifies patient identity & maps test codes | Diagnostic staff locate pending orders, OQM releases to system & registers patient | Diagnostic system sends results to OQM which maps to the patient ID | OQM sends results to EMR with proper provider and patient assignment |

OQM LEVERAGES EXISTING WORKFLOW AND INVESTMENTS

OQM preserves existing physician workflow with seamless integration and leverages existing HL7 standard transactions and EMPIs for patient identification. OQM's modular design allows organizations to determine how much of the order/result lifecycle they wish to automate. For instance:

- Customizable routing workflows and rules by clinical testing or imaging center
- Supplemental data quality checks and augmentation not included on the original order
- Configurable events and notifications to notify a physician when a lab test is overdue/late

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InfoMagnetics Technologies Corporation (IMT) is an IBM Premier Business Partner that specializes in master data management (MDM), predictive analytics, identity insight, and big data software. We offer our clients identity solutions expertise based on 150+ successful deployments in healthcare. Let our experienced team help you achieve your order management goals. Contact us at: info@imt.ca

IMT

CANADA
900-330 ST. MARY AVENUE
WINNIPEG, MB R3C 3Z5
+1 204 989.4630

USA
701 LEE STREET, SUITE 430
DES PLAINES, IL 60016
+1 847 598.3544