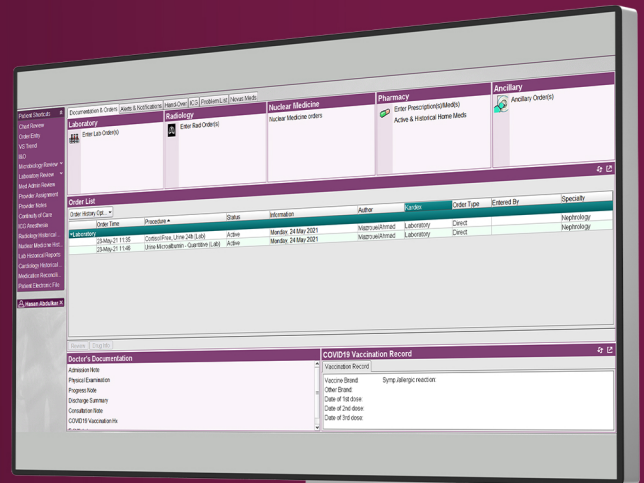


HIMS | Electronic Medical Record

# ORDER MANAGEMENT /CPOE



## The need is the beginning of the story

Physicians need an intuitive application to enter medication, laboratory, radiology procedures, dietary and other type of orders. The solution needs to be user friendly and include robust built-in clinical decision support that will help physicians make the best investigation, treatment and medication decisions while preventing errors. The system shall also be flexible for the physician to quickly select from a list of "favourite" orders and order sets that help expedite the ordering process. The system must also allow a proxy to enter telephone or verbal orders when the physician cannot physically do this.

## About the module

Computerized Physician Order Entry (CPOE) /Order Management enables providers to enter medication, radiology, and laboratory orders as well as procedures and other orders efficiently.

The user can enter orders individually or select them from order sets (including problem-oriented, specialty, or personal order sets).

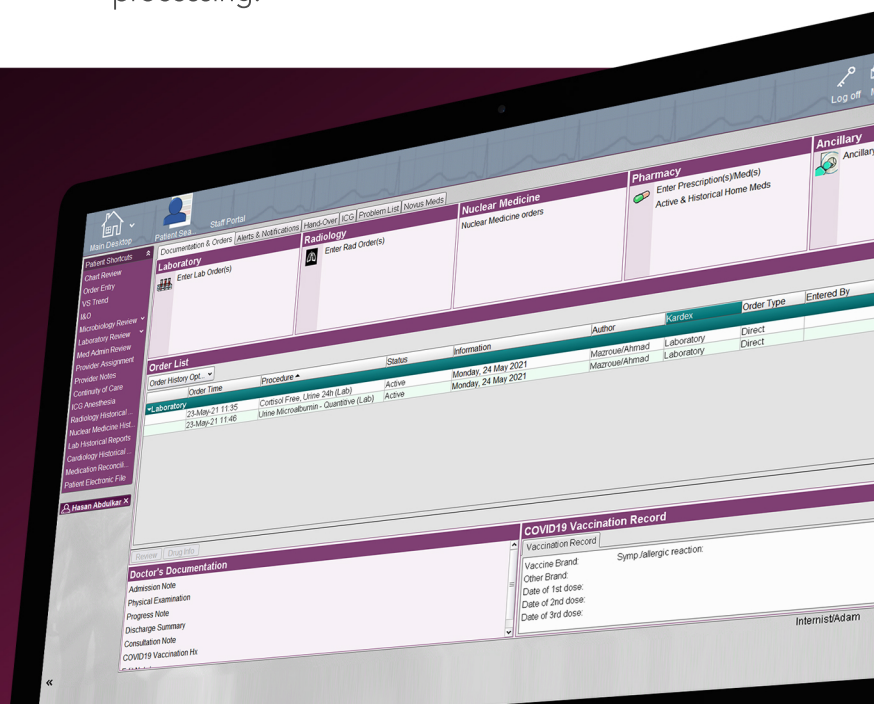
It can automatically generate associated or linked

orders, notify clinician of automatic stop orders, and simplify entry of complex orders, enable user to copy and re-order procedures across the continuum of care.

The order entry application is used by all disciplines and supports written, verbal, and telephone orders as well as direct orders. Once orders are placed, they automatically route to departments for processing.

## Module Highlights

- 01 Embedded real-time drug knowledge
- 02 Advisory screening capabilities
- 03 Supports protocol, written, verbal, and telephone (including read back) orders.
- 04 Single-click orders for problems and
- 05 Comprehensive processing options
- 06 Patient home medication data
- 07 Discharge medications and prescriptions
- 08 Evidence-based order sets



## Key Features

- Embedded real-time drug knowledge provides advisory screening capabilities that include drug-disease, drug-allergy, drug-drug interactions, as well as drug-precaution/food/alcohol alerting.
- Supports protocol, written, verbal, and telephone (including read back) orders.
- Single-click orders for problems and diagnoses with embedded hyperlink references for accurate, timely clinical intelligence.
- Includes comprehensive processing options (change, discontinue, hold, review etc.) to minimize the need to perform double order entry
- Discharge medications and prescriptions can be readily created from patient's home and visit med lists to facilitate a smooth discharge experience.
- The order entry screen is simple to operate with look-up for codes based on context sensitive help. The system demands certain mandatory fields and also certain values are defaulted where applicable.
- Allows multiple entries per order. Numbering scheme for tracking each order is flexible and user definable.
- Order entry is closely integrated with billing system in a flexible manner. It is possible to charge patient either after service is rendered or before depending on billing rules definable at each service levels.
- System records user who entered order, who has requested, for whom - by Civil ID or temporary ID for guests, date and time, priority indicator to show urgency, number of times order may need to be repeated, if applicable and free text for any instructions.
- Orders entered are visible at destination department for initiating service process.
- Able to cancel an order partially or entirely with authorization. Billing reversal shall follow an agreed protocol.
- Where authorization concept is active, system displays list of orders pending authorization. Query is governed by flexible criteria such as ward wise, department wise or other.
- System provides flexible printer routing facility so that orders get printed at pre-defined locations. Parameters such as number of copies are user definable.
- Bi-directional interface using HL7, DICOM and other such standards to LIS, RIS and existing systems for all diagnostic equipment, through an Interface Engine.
- Once order is processed and tests are entered, system demands authorization depending on type of order, which in turn is governed by parameter settings.
- Supports bar-coded label printing. The label formatting is user definable.
- System records date, time and id of person conducting test, entering results and authorizing results
- Status of order processing is visible as a query
- Shall make it possible to make modifications to outstanding orders or non-processed orders. These modifications get reflected instantaneously at concerned service departments.
- Results are visible to concerned requester upon entry or upon authorization depending on parameter settings.
- System provides a comprehensive set of queries and reports to be used at different periodicity.

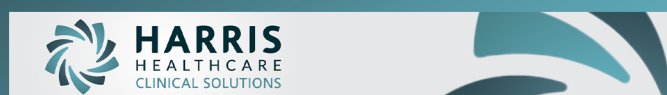
## Benefits

The Order Management / CPOE module helps reduce medical and medication errors and improve patient safety, by ensuring providers produce standardized, legible, and complete orders. In addition, embedded drug knowledge system automatically checks for drug interactions, medication allergies, and other potential problems. By enabling providers to submit orders electronically, CPOE helps organizations get

medication, laboratory, and radiology orders to pharmacies, laboratories, and radiology facilities faster, saving time and improving efficiency. The solution also reduces the number of inappropriate tests ordered through duplicate checking and ensures standardization of care across the healthcare organization with standard order sets.

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