



i.Pharmacy

A better way to manage pharmacy information

i.Pharmacy has been developed with expertise gained from over 18 years experience in hospital pharmacies. Its intuitive modular components include dispensing, manufacturing, inventory control and cost centre accounting. i.Pharmacy accurately maintains inventory movements in a true multi-site, multi-store environment and is scalable from large regional implementation to a single PC on a single site.

Patient dispensing

i.Pharmacy allows you to dispense new, single or multiple items from the previously entered medication history. Users are able to dispense from repeat prescriptions and from standard formulae, and to view all drugs dispensed to patients.

Patient medication charts, variable dosage charts and patient information leaflets may be printed at any time. Drug allergies and interactions are monitored and the user is notified of potential adverse drug events.

Special product register

i.Pharmacy maintains on-line registers of patients on clinical trial and special access schemes. The pharmacist is alerted whenever an attempt is made to dispense a special product without a valid authority.

IV/Aseptic/Extemp. dispensing

i.Pharmacy provides user-defined standard formulae, a flexible 'tailor made' (build) function, 'Same Again' dispensing, user definable routes of administration, Label and Batch Sheet reprinting. Multiple drugs and fluids may be added to individual preparations with accurate total volume calculation and combining of same drug ingredients to one line. Interaction and incompatibility checking facilities are provided.

Parenteral nutrition

i.Pharmacy supports individual 'tailor-made' preparations or the use of user-defined standard formulae. The 'standard formula' function allows for additions, changes and deletions from pre-recorded formulae. Batch sheets detailing all products to be used, quantities selected and detailed constituent labels are printed.

e-Prescribing

i.Pharmacy is able to receive and process HL7 electronic medication orders (prescriptions) generated from i.Clinical Manager, or any other external system. i.Pharmacy communicates actions back to the external system as the pharmacist processes the script.

Clinical utilities

Clinical intervention recording is available through the selection of interventions from a user-defined table. Comments regarding the event may be entered and unresolved interventions recalled for further comment at a later period. Patient, product, pharmacist, date and prescriber details are all recorded. Recording of medication related adverse events is integrated with intervention recording. Detailed clinical notes may also be kept on each patient.

Supply chain

i.Pharmacy allows the user to enter orders, packing slips and invoice information; view orders, supplier credits; prepare analyses of invoices for accounting purposes; and download orders to external electronic ordering applications.

About iSOFT

iSOFT is one of the world's leading suppliers of advanced software applications for the healthcare sector. With our core application set – LORENZO – we are at the forefront of the technology revolution taking place in healthcare.

Our products are used by more than 8,000 organisations in 27 countries for managing patient information and driving improvements in healthcare services.

We continue to focus on developing innovative application solutions for all our target markets, with 1,400 technology specialists engaged in software design, development and solution delivery.

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Ward stock

Multiple ward stock lists can be constructed. The products, locations, shelf levels and stock quantities are defined, and these details can be changed at any time. A ward stock sheet with a full description of the product for each location with up to 20 columns on an A4 page for recording of daily issues can be produced. i.Pharmacy allows you to enter the requested distributions from imprest sheets or requisitions. These requests are held on the system pending authorisation for distribution at which time the stock is deducted and priced. The use of portable devices for remote recording of requirements is supported.

Pharmacy kits

i.Pharmacy allows you to record details of items kept in any drug trolley, crash cart, doctor's emergency kit etc. These kits may then be monitored for expiring products or replenishment and replacements recorded as required.

Product maintenance

i.Pharmacy allows you to enquire, add, edit or report on any product in the pharmacy. Products can be Current/Not Current and Formulary/Not Formulary.

i.Pharmacy allows you to record a bill of materials used to make up a manufactured product, and will automatically calculate the quantities needed at the time of manufacture.

Multiple suppliers may be assigned to any one product. The supplier's catalogue number for the product and the 'outer' quantity supplied is also recorded. Multiple stores and locations may be assigned for stock lines. A drug interaction maintenance service is available if required; otherwise, drug interactions and incompatibilities may be recorded and maintained by the pharmacist within the product module. Current status, formulary status and supply restrictions are set at a site level.

Formulary

i.Pharmacy allows the pharmacist to produce a formulary (or part-formulary) for the use of medical/nursing staff. A therapeutic or pharmacological formulary may be produced using drug codes.

Reports

Over 100 standard reports are provided, and i.Pharmacy users may access these reports, make local changes to them and save them under a different name for future use. Users can also create their own reports from 'scratch' using Crystal Reports™ or a similar product for ad hoc reporting.

Clinical costing

Full clinical cost details of all items supplied to the patient (based on user-defined criteria) is provided within i.Pharmacy. Standard costing reports can be generated by Individual Patient, Single Prescriber, Medical Team, Prescription Type or Ward/Unit/Clinic. Standard data elements in these reports include script numbers, date of prescription, product description, label instructions, quantity and cost of drug, pharmacist initials and doctor name.