

CRYOWORKS

CRYOWORKS Management System is a specialised software application that supervises the collection, freezing, storage and thawing of specimens as well as tracking the personnel involved. The application allows scientists to save time on administrative tasks and focus more on patient services.

In the beginning, the management of frozen specimens was tracked using a combination of index cards and spreadsheets. This approach was suitable given the low volume of specimens that were processed by the lab. Nowadays, scientists continue to work with systems that are proving to be inefficient and consequently, spending more time to ensure records are correct and to ensure each frozen specimen is accounted for. CRYOWORKS aims to allow scientists to increase their efficiency and the reliability of their workflows

Features

- Comprehensive patient management
- Ability to create and manage orders
- Ability to attach documents to patients
- Efficient method of entering freezing and thawing details
- Double ID check at all stages of the specimen lifecycle from collection to usage
- Label and barcode printing and scanning
- Ability to generate reports on specimens, patients, tank storage, thawing summaries and follow-up serology tests
- Early warning systems (rules around isolation, oncology etc)
- Management of clinics, doctors and patient referrals
- Flexible searching ability
- Secure database and security log in
- 3 tier application architecture
- Management of specimen storage dates
- Export reports to Excel
- Security of data entry;
- Validation for provider numbers
- Track changes with automatic time stamps and change history
- Smart saving to reduce loss of data
- Ability to easily maintain users and their level of access
- Configurable drop down options

Benefits

- Extra security on information
- Configurability options to suit the clinic (e.g. labels and naming conventions, storage locations etc)
- Management of thawing times of specimens and their success rates that allows scientists to be able to easily view the corresponding thawing times and their motility rates, allowing scientists to view conditions that reduce this rate.
- Storage, thawing and usage information is managed in one location
- Storage records cannot physically be misplaced
- Allows scientist to focus on patient services and specimen analysis
- Information is stored in a structured and logical manner, meaning reports can be generated and all information can be queried on
- Facilitates a positive ID check where each specimen freezing and usage is subject to double identity check
- Can be integrated with existing Patient, Specimen and Billing systems (this is integration and customisation work that is carried out by Computer Frameworks at an extra cost)
- Ability to easily maintain users and their level of access