Product catalogue

Makeen Cryo

Dedicated cryobank

Manage sperm, oocyte, embryo and ovarian tissue stock, from its storage location to the latest recorded sample action.



Inside this guide

Manage sperm, oocyte, embryo and ovarian tissue stock, from its storage location to the latest recorded sample action.

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Chapter 01

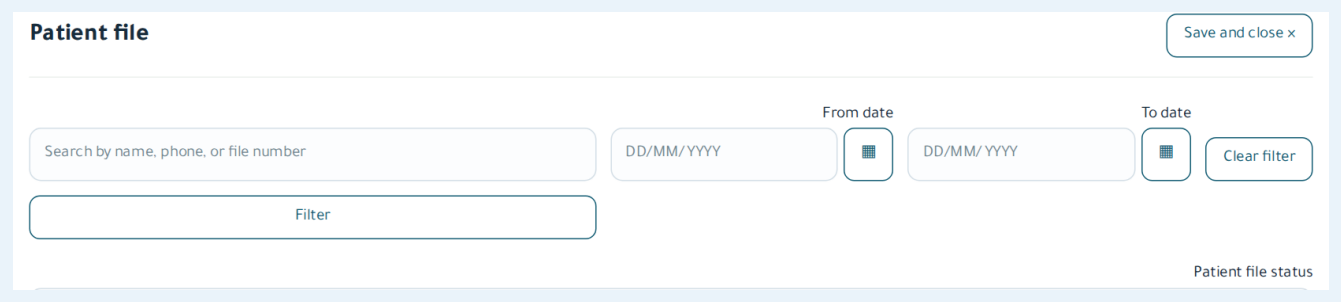
Patient files and batch intake

Patient and partner files

Search by name, file number or identity details before opening a new file. Enter a birth date or year and contact details, then link an existing or new partner file. Either file provides access to the other partner and their recorded procedures, subject to permissions.

Receiving a batch

Select a patient and specimen type, then save a separate batch with its date and storage location. Externally transferred sperm has a dedicated intake route for the sending centre and transport details. Reopen batch documents from the patient record.



Finding a patient before entering a specimen

Chapter 02

The four specimen registers

Sperm cryopreservation	Open a batch for an ejaculate, an FNA or TESE specimen, or material received from another centre. Record the date, vial count, location and freezing operator. An already-frozen batch can also be added to the register. Each batch keeps its original quantity beside the number of vials still in storage.
Oocytes by straw	Enter the oocyte count and freezing date, then allocate oocytes to numbered straws with a colour, position and count per straw. When a straw leaves storage, the record preserves the number of oocytes removed and the balance remaining in the batch.
Embryos and biopsy details	Record the embryo count, freezing day and individual grades at straw level. Where a biopsy was performed, enter the embryo number, biopsy type, day and result, or complete the result later. The register preserves the allocation of embryos to straws and locations.
Ovarian tissue	Create a tissue batch with its collection date, freezing date and origin. For a specimen received from outside, record the sending centre. Add the vial count and storage position. The register then follows subsequent use, transfer or disposal of the vials.

Chapter 03

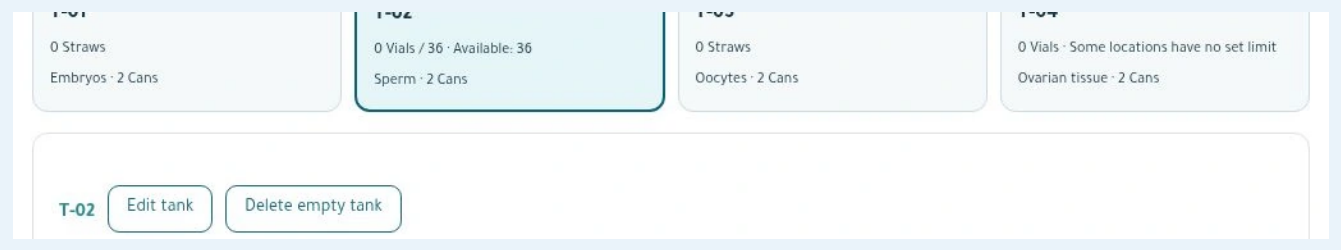
Storage layout and occupancy

Tank, can and sleeve

Build a location tree to match the laboratory's physical layout. Set the number of cans in each tank and sleeves in each can, the permitted specimen type and the capacity where known. Select the same registered location when entering a straw or batch of vials.

Occupancy and available capacity

Select a sleeve to see its occupied positions and the vials or straws assigned to it. A configured capacity also shows the space available. New placements are checked against specimen type and capacity. Unmatched locations can be reviewed against older records.



Selecting a tank to view its contents

Chapter 04

Stock movements and renewals

Specimen actions and balances

Open a batch to record use, transfer to another centre or disposal, with the date, quantity and reason. The action updates the balance and remains in the history. Eligible actions can be reversed with a recorded reason and the corresponding quantity restored.

Selecting stock for an action

For sperm or ovarian tissue, choose the number of vials affected. For embryos and oocytes, select the individual straws and their contents are accounted for on removal. Each action preserves its date and quantity and the register shows when a batch was exhausted.

Storage renewals

Renewal accounts group a patient’s batches by specimen type and storage period. Review the years due, record a renewal against the relevant year, then revisit paid years, outstanding renewals and the end date of a closed storage period.

Chapter 05

Summaries, documents and exports

Patient cryostorage summary

Choose one specimen type or all types in a patient file. The summary brings together batch and freezing dates, original and remaining quantities, locations and recorded actions. Print a consolidated summary or save it as a PDF.

Filterable cryobank export

Select a month or custom date range and a freezing procedure. The detailed cryostorage register includes the batch, straw or container, location and freezing operator. Embryo rows also provide the embryo identifier, number, grade and freezing day. Export the table to Excel or CSV.

Workload and cryobank worksheets

Review cryobank workload by procedure, period and recorded team. The document centre provides ten printable worksheets, including receipt, freezing, warming, consent checks and referrals. Print a blank worksheet or populate it for a selected patient.

Chapter 06

Sample identity and bank settings

Sample identity and label history

Find the patient or procedure record, select the label and container type, then generate and print the label. Reopen it by code or compare source and destination codes to check their record links. The check history shows the result, operator and time.

People and access permissions

Open Settings after Sample ID to manage physicians, employees and user accounts. Assign responsibility for viewing, editing, approving, printing and exporting records, and control access to storage-location and centre settings.

Backups and institution branding

Choose an external backup folder and password, run a backup manually or enable daily backups while the application is running. Review the backup details before restoration. Institution settings control the bilingual centre and unit names, logo, report header and footer.

Workstation configurations

Use Standalone on a single computer, or the Clients edition to connect centre workstations to their host. In a centre setup the workstations connect to the shared centre data, and each staff member accesses records through their own account and permissions.

The patient inventory summary

The patient summary groups embryo and oocyte batches by specimen type. Compare the original and remaining material, then read the separate original and remaining straw counts.



Cryostorage Summary

All saved batches in the selected scope, including completed storage

Patient
Illustrative case

File number
EX-101

Inventory totals

Type	Batches	Original quantity	Currently remaining	Original / remaining straws
Embryos	1	4 Embryos	**3 Embryos**	2 / 2
Oocytes	1	6 Oocytes	**4 Oocytes**	2 / 2

Quantities and locations reflect saved records at the time this summary was issued.

Product screen with illustrative records.

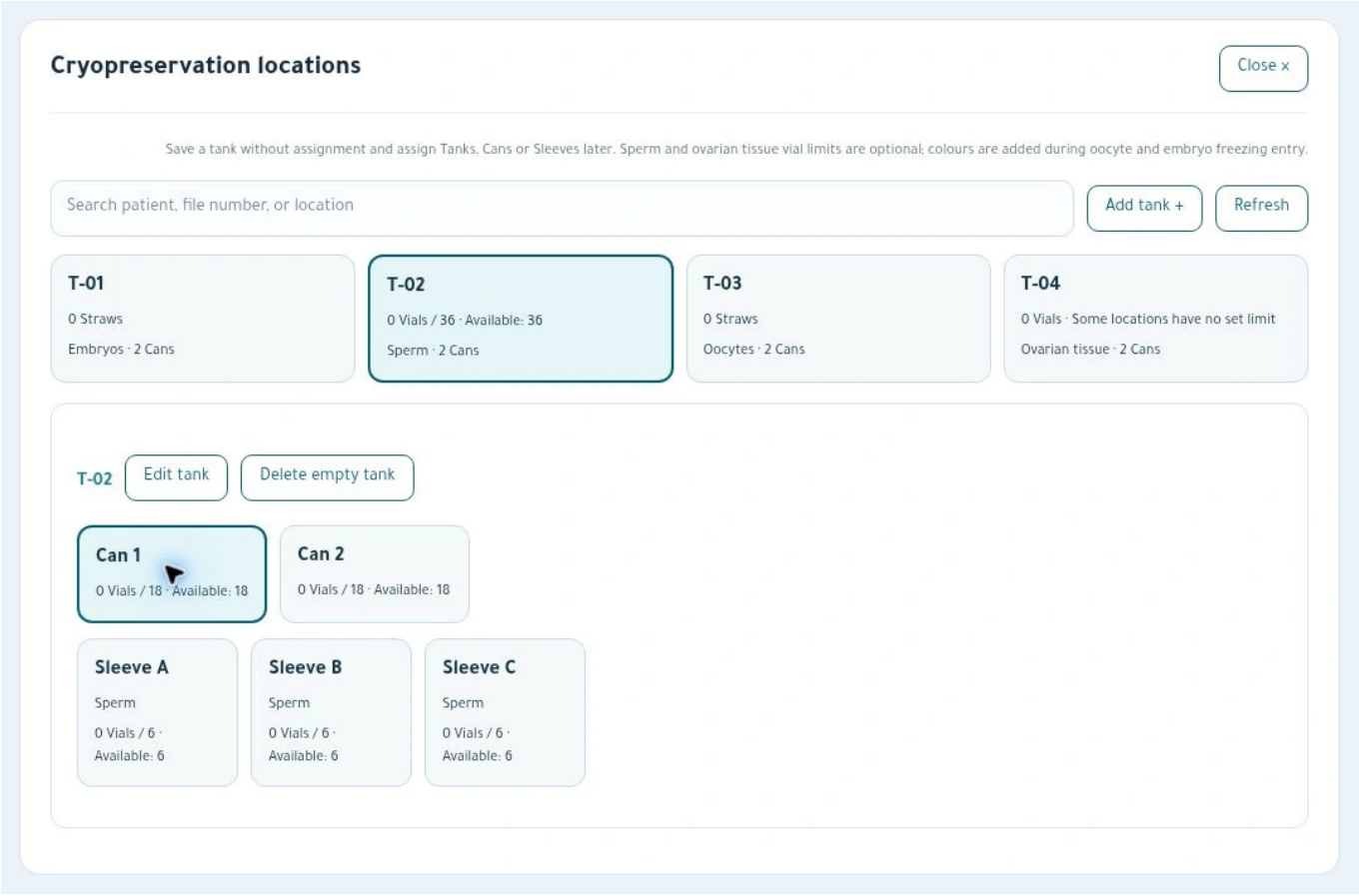
Specimen inventory details

Type	Batches	Original quantity	Curr rem
Embryos	1	4 Embryos	3 Em
Oocytes	1	6 Oocytes	4 Oc

View the screen gallery online

Tank, can and sleeve

Select a tank and a can to inspect the sleeves within. The map shows the assigned material and the recorded straw or vial count.



Product screen with illustrative records.

Cans and sleeves within the tank



View the screen gallery online