





→ What's new in Matcher v5.6?

Introduction

Matcher version 5.6 introduces new functionality that enhances and builds upon the robust capabilities already available in previous versions.

Functionality

1. Pocket Matcher hands-free witnessing

The Pocket Matcher has new functionality to enable both handheld and hands-free mode. With a custom holder to enable this functionality, hands-free witnessing keeps users' hands free for critical lab tasks, enhancing efficiency and aseptic technique.

By simply removing the device from the holder, handheld witnessing can be re-enabled, maintaining the flexibility of witnessing anywhere, to support seamless operation across benchtops, laminar flow hoods, and clinical environments.

2. Additional cycle types available

We've introduced as standard, 3 new 'minor' cycle types: Sending and Receiving and Thaw-Biopsy-Refreeze, as well as an additional 'other' cycle for Disposal. This is in recognition of the growing challenge faced by fertility centres worldwide regarding the secure management of cryo preserved gametes and embryos.

This provides centres with improved sample safety, enhanced standardisation and improved auditability as well as allowing clinics to provide clear, documented updates to patients about the status of their materials.

3. IMT Matcher Cryo Chain™

IMT Matcher Cryo Chain™ is the new standard in cryo item traceability for fertility centres. This integrated solution helps ensure a secure, compliant, and fully traceable digital chain of custody for cryo preserved materials – from the moment they leave the fertility centre, to their arrival into off-site storage and back.

By combining Matcher's proven witnessing technology with your off-site cryo storage supplier's trusted cryo storage infrastructure, Matcher Cryo Chain™ delivers unmatched peace of mind for fertility centres, confidence for patients, and a new benchmark for the fertility industry.

This feature may require integration work with your specific cryo storage provider.

Don't forget – recently added feature

4. Witnessing non-Matcher barcodes for a patient

Don't forget our recently added feature is available to scan a non-Matcher barcode and assign it to a patient, enabling barcode-based witnessing for items not originally labelled by Matcher.

www.imtmatcher.com/FAQs

Problem:

A witnessing device needs to be mobile enough to witness procedures and track consumables and cryo inventory in any location, but many critical procedures require both hands to be free.

Solution:

1. Pocket Matcher hands-free witnessing

The Pocket Matcher has new functionality to enable both handheld and hands-free mode.

With a custom holder to enable this functionality that positions the device into the optimal position, hands-free witnessing keeps users' hands free for critical lab tasks such as pipetting, working at microscope or moving cryo preserved gametes into and out of cryo vessels, enhancing efficiency and aseptic technique.

Handheld witnessing can be re-enabled by simply removing the device from the holder, maintaining the flexibility of witnessing anywhere, to support seamless operation across all locations in the fertility centre.

- **Dual-mode operation:** Can be used in both handheld and hands-free configurations.
- **Single service solution:** Replaces the need for both Pocket Matcher and Benchtop Matcher devices.
- **Quick installation:** Faster setup due to simple mounting and network connectivity.
- **Reduced cable clutter:** Enhances safety and cleanliness in workspaces.
- **Battery-powered option:** Can operate without cables, ideal for sterile environments like laminar flow hoods and isolettes.
- **Optimal witnessing position:** Places the Pocket Matcher at the perfect height and angle to reliably capture barcode information without manual adjustment.



Problem:

The growing challenge faced by fertility centres worldwide is the increasing quantities of cryo-preserved gametes and embryos which need to be securely managed, along with heightened accountability to demonstrate accurate and auditable records of every cryo related event.



Solution:

2. Additional cycle types available

We've introduced as standard, 3 new 'minor' cycle types: Sending and Receiving and Thaw-Biopsy-Refreeze, as well as an additional 'other' cycle for Disposal.

Improved sample safety

- Reduces the risk of mix-ups or misidentification of gametes and embryos
- Ensures that every action involving cryo preserved materials is accurately documented and verified

Standardised data across centres

- Promotes consistency in how cryo events are recorded and witnessed across different clinics and geographies, improving data quality and interoperability.

Enhanced compliance & auditability

- Enables more precise tracking and reporting of cryo preserved material movements, supporting regulatory compliance and audit readiness.

Data-Driven Insights

- Enables fertility centres to analyse trends, such as frequency of thaw/refreeze cycles or disposal events.
- Supports continuous improvement in cryo management practices.

Patient confidence and communication

- Allows clinics to provide clear, documented updates to patients about the status of their materials.



Sending cryoinventory (minor) – (Patient ID to cryo preserved sperm/oocyte/embryo)

Receiving cryoinventory (minor) – (Patient ID to cryo preserved sperm/oocyte/embryo)

TBR (minor) – thaw-biopsy-refreeze

Disposal (other) – This is used for disposal of cryo preserved items outside of a typical IVF/ICSI/IUI cycle

Blood testing (other) – to replace Blood drawing

Problem:

The absence of electronic witnessing and gaps in the digital chain of custody beyond the fertility centre during sending and receiving to/from off-site cryo storage facilities can introduce significant risks of error. Manual witnessing processes remain costly, risky, and inefficient.

Solution:

3. IMT Matcher Cryo Chain™

Matcher Cryo Chain™ functionality allows you to integrate with off-site cryo storage providers.

This helps ensure a secure, compliant, and fully traceable digital chain of custody for cryo preserved materials – from the moment they leave the fertility centre, to their arrival into off-site storage and back.

End-to-end digital chain of custody

- Helps ensure secure, traceable handling of cryo preserved items from lab to off-site storage and back

Notifications & audit trails

- Sends automated alerts for key events (e.g. send, receive)
- Maintains comprehensive audit trails for safety, compliance, and reporting

Monitoring dashboard

- Provides an Insights dashboard for sending and receiving of items.
- Enables staff to monitor status and location of cryo materials

Seamless integration with existing systems

- Works with Matcher's Pocket and Desktop platforms
- Uses API-based data exchange to connect with off-site storage providers, enabling smooth interoperability

Industry benchmark for cryo traceability

- Sets a new standard in cryo item tracking for fertility centres
- Positions your clinic as a leader in secure, tech-enabled fertility care

This feature may require integration work with your specific cryo storage provider.



We are currently working in partnership with



How does it work?

1. Matcher integrates with your off-site cryo storage provider's software system. We are currently working with Reprotech
2. The fertility center witnesses the samples into the transport device which notifies the cryo storage provider that the samples have been prepared for shipment
3. Using Matcher, the storage provider's barcoded transport device is scanned and digitally linked to the patient's sample information, ensuring a secure and traceable digital chain of custody.
4. Upon receipt, the cryo storage provider witnesses the samples, automatically sending digital confirmation to the fertility center
5. Matcher Insights dashboard provides visibility of these movements and status
6. This process is bi-directional to facilitate the return or disposal of samples from your off-site cryo storage provider

Problem:

Electronic witnessing systems are unable to integrate 3rd party, non-Matcher barcodes such as biopsy kits into their witnessed procedures.

Solution:

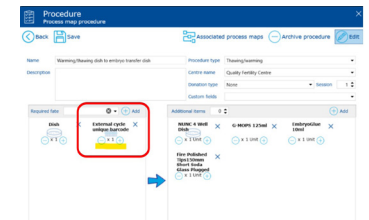
4. Witnessing non-Matcher barcodes for a patient

Scan a non-Matcher barcode and assign it to a patient, enabling barcode-based witnessing for items not originally labelled by Matcher.

Matcher now allows users to scan non-Matcher barcodes when performing witness steps. Items that already have a barcode label can be scanned as part of a witness step, creating a seamless integration with Matcher.

This means that procedures can be configured to look out for non-Matcher barcodes that you may already be using in your lab. Examples include:

- Assigning pre-barcoded PCR tubes when tubing/cell loading biopsies for PGT for subsequent witnessing
- Assigning pre-barcoded blood tubes at the point of blood drawing in phlebotomy
- Scanning pre-barcoded straws/vials/vitrification devices instead of manual entry where there has not been a data import
- Assigning a medicine at the point of dispensing in the pharmacy/reception for subsequent witnessing
- Assigning pre-barcoded straws/vials from a kit for subsequent witnessing
- Assigning pre-barcoded cryo storage system transporters at the first point of entry for subsequent witnessing
- Assigning pre-barcoded Timelapse dishes at the point of moving into culture for subsequent witnessing





IMT Matcher™ is a product from Matcher Technologies Ltd., a medical technology company that develops, implements and supports quality management systems for the assisted reproductive technology (ART) industry worldwide. Matcher Technologies Ltd and Reprotech LLC have formed a strategic partnership built on shared values of innovation, quality, and exceptional service. Our complementary technologies create a seamless, end-to-end digital chain of custody for IVF centres, from on-site witnessing and cryo management to off-site cryo storage at purpose-built biorepositories. Together, we aim to eliminate pain-points, reduce risk and deliver a seamless and streamlined experience.



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