

Together. All the way™

eWitness

Optimise lab workflow and enhance security with reliable insights



Advancing IVF treatment process quality

The IVF treatment process has advanced rapidly in recent years, with new technologies adding both opportunity and complexity. As procedures become more intricate, safeguarding every step has become more critical than ever.

eWitness is an error prevention system designed specifically for IVF. By scanning, registering, and validating each action, it ensures full traceability and oversight.

This helps prevent critical errors—such as the mix-up of sperm, eggs, or embryos — and gives clinics confidence that the entire workflow is secure, accurate, and free from human error.



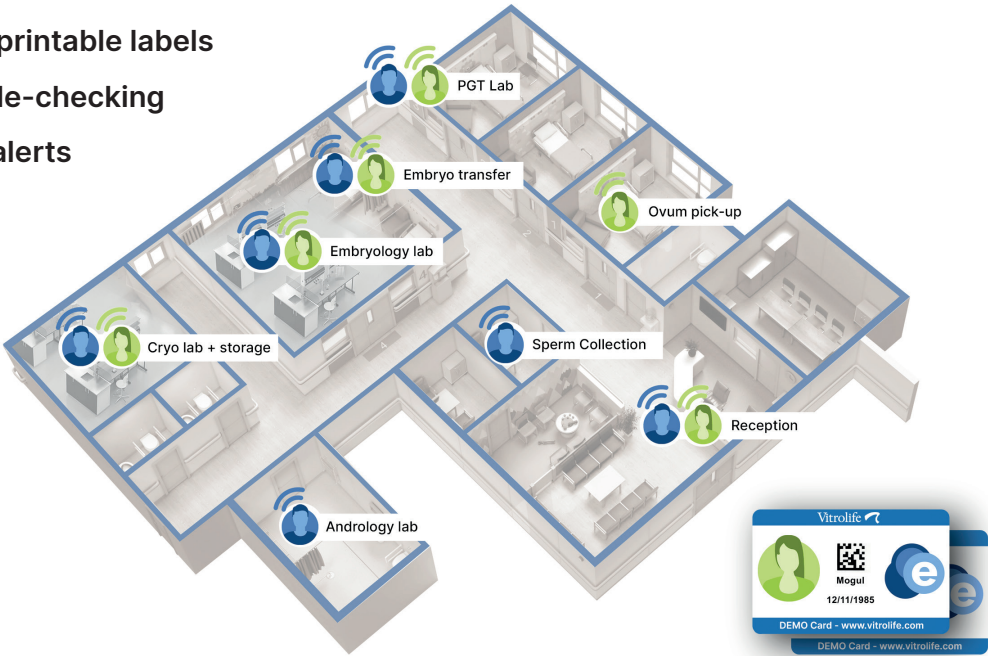
“At UZ Gent, eWitness brings safety to our lab processes, as it results in an undisturbed, calm and focused work environment for my team. eWitness is also connected to IDEAS, our EMR, resulting in a streamlined process that enhances overall process efficiency, all thanks to our effective partnership with the eWitness team.”

Dr. K. Tilleman, Director IVF Lab at UZ Gent Belgium

Streamlined identity verification of patient material

Embryologists must confirm the source and identity of patient material an average of 20 times per IVF/ICSI cycle. That results in just as many opportunities for human error, leading to many interruptions and hours of lost productivity. Traceability is made possible with eWitness by scanning, registering, and validating every action. At each step, there is a risk of human error, which could lead to critical errors with devastating consequences for the patient and the clinic.

- ✔ Streamlined workflow
- ✔ Monitors all actions
- ✔ Barcodes and RFID on printable labels
- ✔ Offers electronic double-checking
- ✔ Minimises errors with alerts



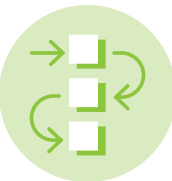
Explore the advantages of choosing eWitness



Easy integration
eWitness is a web-based application and app that streamlines IVF lab workflows by enabling easy integration of barcode and RFID tracking anywhere in your setup, without extra equipment or workstation upgrades. Vitrolife provides expert support throughout implementation, ensuring your team can adopt the system smoothly and efficiently.



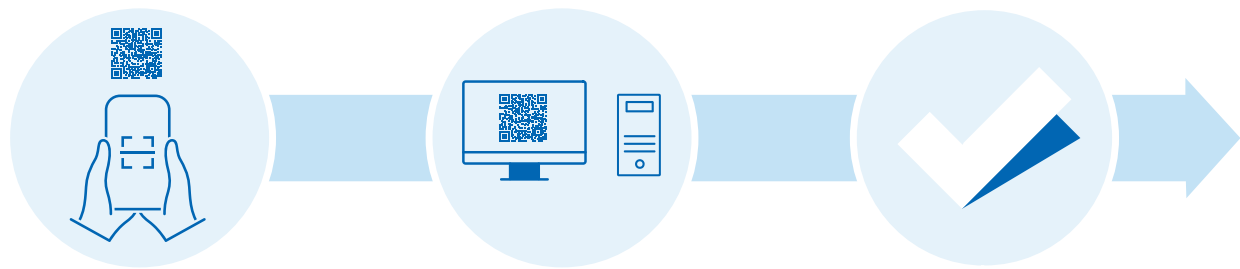
Safety and Compliance
eWitness provides end-to-end identification and traceability of gametes and embryos throughout the IVF process (clinic and lab). All actions are automatically detected, verified, logged, and securely recorded to ensure correct sample matching at every step. This automated tracking enhances safety, confidence for professionals and patients, regulatory compliance, and integrates with quality accreditation systems to uphold high standards of care and traceability.



Optimised Workflow: Flexibility, Efficiency, and Time Savings
eWitness offers flexible, efficient, and scalable solutions to streamline clinical workflows and adapt to changing needs. Its portable equipment enables embryologists to use eWitness in various settings, simplifying documentation and reducing administrative work. Real-time access to patient status from any location minimises unnecessary movement, enhancing efficiency, and strengthens safety throughout the entire fertility journey.

3 easy steps: scan, register and validate

eWitness logs each step in the fertility process by scanning the label with a barcode scanner and/or RFID reader. The patient identity and patient material are registered for validation. Regardless of the location or procedure, quality and progress are assured within seconds.



Choose RFID and scanner – or start with scanner only



Handheld scanner

The system uses flexible and wireless handheld scanners. This allows you to securely scan barcodes on the label at any time anywhere and register the step in eWitness.

RFID reader

eWitness works with flexible RFID readers. It is not necessary to replace flow cabinets as the eWitness RFID readers are easy to add to your existing environment. This ensures a fast and cost-effective implementation.



KPI Management and Dashboard

eWitness collects data on all actions, such as witnessing or batch tracking. The KPI Dashboard consolidates this information into a simple, customisable interface, enabling quick access to metrics for performance monitoring and benchmarking across teams and sites. The dashboard can be tailored to your needs, provides continuous insight for proactive management, supports the development of preventative protocols, and allows you to easily download detailed and customisable reports.



Photo Capture

Photo Capture enables automatic image documentation at every key process step, securely linking photos to each event record. This enhanced visual documentation delivers clear traceability, supports compliance, and provides clear visual proof of best practice. By making every action transparent and auditable, eWitness helps reduce risk, resolve questions with confidence, and uphold the highest standards of patient care, without disrupting workflow.



Quality management

The handheld scanner guides the embryologist safely through the pre-defined steps of the workflow. Every step is registered and visually marked when performed correctly.



Label printer

A single versatile printer supports traditional barcode labels, RFID tags, and cryo-resistant labels, streamlining your workflow and minimizing downtime by allowing dedicated printers for each label type, delivering reliable, efficient label management with minimal complexity.



Labels

Each unique eWitness label is printed with all required patient information, eliminating handwriting and reducing errors. Clinics can fully customise labels, which are available as cryo-resistant or standard barcode formats, and as RFID labels for non-cryo use. All labels are MEA tested and embryo safe, ensuring optimal safety and compliance.

Built-in benefits

Streamline Your Workflow with eWitness and EmbryoScope

eWitness and EmbryoScope™ integration addresses common workflow challenges in the laboratory by automating patient registration and synchronizing critical data between systems. Patient information is seamlessly exchanged between eWitness and EmbryoScope, enabling quick selection, barcode generation within EmbryoViewer, and traceable dish labelling in eWitness. This streamlined workflow reduces manual input errors and ensures complete traceability for audit-ready laboratory management.

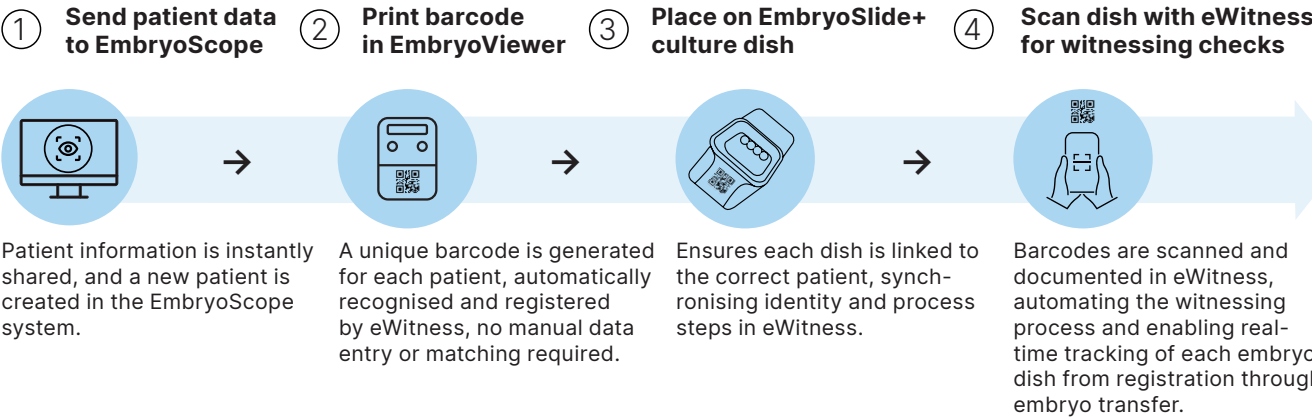


Stand-alone or fully integrated

The system can be deployed as a stand-alone solution or fully integrated with eBase or any other EMR. eWitness is ready for integration with your EmbryoScope Time-lapse system today.



Your 4-Step Journey



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eWitness reduces the chance of errors and provides structure in our fertility lab. It contributes greatly to our quality assurances during the IVF treatment.

Dr. E. Slappendel, clinical embryologist
Nij Geertgen the Netherlands, part of
FutureLife group



Latest Enhancements in version 26.1

Greater efficiency, traceability and control across IVF laboratory workflows

As IVF laboratories continue to evolve, eWitness continues to introduce new capabilities designed to simplify workflow management, strengthen traceability and improve operational oversight. These enhancements help laboratories reduce complexity, increase efficiency and maintain confidence throughout every stage of the patient journey.

Graphic Workflow Designer

Visual workflow design for faster configuration and greater process clarity. Create and manage workflows through an intuitive drag-and-drop interface that makes workflow logic easier to understand, configure and maintain.

Benefits

- Simplifies workflow configuration
- Reduces configuration errors
- Improves visibility of workflow dependencies
- Supports workflow standardisation across teams



Label Designer & Print Labels

A redesigned label management experience enables users to create, customise, preview and print labels more efficiently while improving consistency and traceability across laboratory workflows.

Benefits

- Faster label creation and updates
- Improved labelling consistency
- Greater workflow flexibility
- Enhanced traceability through configurable barcode options

Hands-Free Scanning

Presentation Mode enables labels and samples to be scanned automatically without handling the mobile device, helping improve efficiency during witnessing procedures.



Benefits

- Improves workflow efficiency
- Reduces manual interaction
- Supports ergonomic working practices
- Maintains traceability throughout procedures



Unique External Barcode per Workflow Step

Assign workflow-specific external barcodes at individual treatment steps to strengthen sample identification and improve control throughout the treatment journey.

Benefits

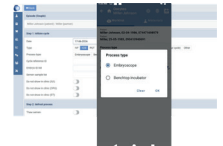
- Improved sample traceability
- Stronger identification controls
- Increased workflow visibility
- Supports compliance requirements

'Limit to Process' Filter

Automatically present witness points based on the selected treatment or process type, helping users focus only on relevant activities.

Benefits

- Reduces workflow complexity
- Improves workflow accuracy
- Minimises risk of missed actions
- Supports standardised laboratory processes



Additional Workflow Enhancements

Advanced App Settings

Expanded configuration options provide administrators with greater flexibility and control to tailor eWitness to laboratory requirements.

Material Registration with GS1 Barcode Support

Register materials using GS1 barcode standards to improve consistency, traceability and efficiency during material management activities.

API Management Enhancements

Enhanced integration capabilities improve connectivity, interoperability and data exchange with external systems.

EmbryoScope Synchronisation in the App

Improved synchronisation of EmbryoScope information within the eWitness application for greater visibility and workflow continuity.

Multiple Semen Sample Support

Support workflows requiring multiple semen samples within a treatment cycle, providing greater flexibility for complex laboratory processes.



Ongoing Improvements

In addition to new functionality, eWitness releases include ongoing maintenance updates, usability enhancements and performance improvements designed to further strengthen reliability, connectivity and the overall user experience.



Contact our team to bring automation, accuracy, and trust to every step of your IVF process.

Orders & customer support
Ordering: order@vitrolife.com
Support: Tel +46 31 721 81 00



Vitrolife · Box 9080 · SE-400 92 · Sweden · Tel +46 31 721 80 00 · order@vitrolife.com · www.vitrolife.com

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