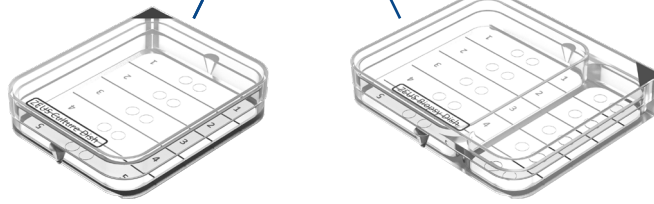


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BioPSafe: A Safe and Traceable Solution for Embryo Biopsy



**ELIMINATE
HUMAN
ERROR!**



**ELIMINATE
SAMPLE
MIX-UP!**

**Clinicians, Embriologists, and Clinic Owners,
errors made by others are no longer your responsibility**

Equipped with **position sensors**, a **barcode reader**, **cameras**, a **touch-screen interface**, and **dedicated software**, the system ensures **precise sample transfer into droplets or PCR tubes under a stereo microscope**.

It delivers **real-time alerts** for any **discrepancies**, guides the operator through **error correction with confirmation**, and enables full review of **logs** and **camera recordings** at any time.

**Elimination of
Error Risk**

**Maximum Biopsy
Sample Security**

**Traceability and
Ease of Identification**

**Integration into
Laboratory Workflow**

Difference from Existing IVF Identification Systems

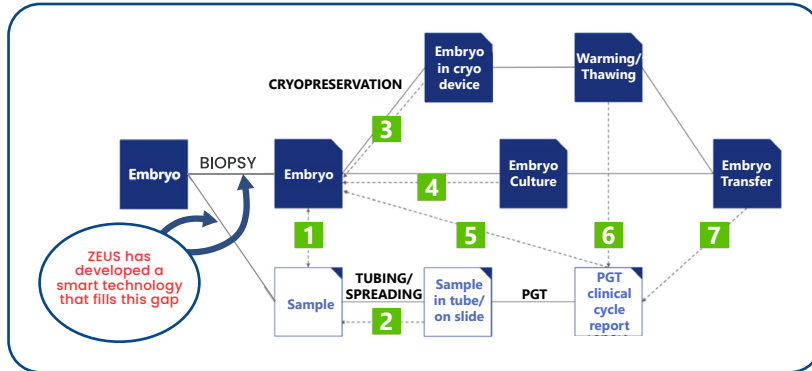
Current IVF identification (witnessing) technologies do not offer a specific solution for error prevention and traceability during the biopsy procedure.

BioPSafe is the world's first and only privately owned system specifically designed to ensure the safe and traceable performance of embryo biopsy.

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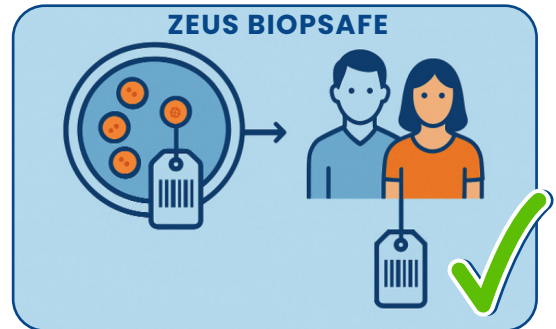
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While the **ESHRE guidelines** lacked a witnessing system for the biopsy stage, **ZEUS BioPSafe bridges this critical gap with smart, traceable technology.**



While conventional barcode/RFID systems confirm patient-dish identity,

The Right Embryo
↓
REACHES
↓
The Right Patient



ZEUS BioPSafe additionally verifies that the reported embryo is the one transferred.

Confusion or human error during biopsy can affect the accuracy of genetic tests (Fragouli & Wells, 2018). **BioPSafe's secure biopsy method stands out as a solution that increases diagnostic accuracy by ensuring the most accurate and reliable embryo biopsy** (Munne et al., 2020).

Increased traceability eliminates the risk of mislabeling or mixing up samples, preventing laboratory errors (Capalbo et al., 2019).

As the first and only private system that ensures error-free embryo biopsy, BioPSafe maximizes the safety of biopsy processes in IVF laboratories.