

## Why ZEUS Mismatch Blocker?

- Convenient installation and low operating cost
- ZEUS Bioscience offers you "free of charge/unlimited barcode usage"
- Thanks to the smartphone application, doctors, embryologists and patients can access embryo follow-up information at any time
- Unlimited data matrix for one credit per cycle
- Ease of purchasing credits via virtual POS.
- Specific to your clinic and workflow, not just the classic IVF steps; Ability to control every stage



**ZEUS**  
**Mismatch Blocker**  
BARCODED WITNESSING FOR ART

**ZEUS**  
bioscience

+90 312 427 4801  
info@zeusbioscience.com  
www.zeusbioscience.com



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**Complete Safety for  
Your Clinic & Your Patient in  
IVF Treatment**

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## What is ZEUS Mismatch Blocker System?

**ZEUS Mismatch Blocker** is a data matrix based witnessing system that prevents mismatches that may occur in the gamete-embryo-patient triangle in IVF applications.

**ZEUS Mismatch Blocker** controls the passage of gametes and embryos belonging to the patient between dishes such as plates and tubes, and prevents human-induced errors.

**ZEUS Mismatch Blocker** is "based on QR codes", does not use chips, has a very low operating cost per patient, and you can use unlimited QR codes free of charge.

The use of free of charge/unlimited QR codes allows you to secure your IVF practices end-to-end (witnessing).

Thanks to **ZEUS Mismatch Blocker's** unique terminal design, mobile and ergonomic apparatus, it is not only in the Operating Room (OPU-TESE room), Embryology, Andrology Laboratory and cryopreservation (embryo/gamete/tissue freezing) areas. From the very beginning, it also controls the flow and stages in the reception, patient admission, patient room and other clinical areas.

## operating cost per patient is VERY low !!!

- QR code based, no chips used
- you can use unlimited number of QR codes free of charge
- you don't have to leave any steps unchecked

## Manages Your Liquid Nitrogen Tank Like a Conductor

**ZEUS Mismatch Blocker** creates a library/map of your tank, shows the new location for the patient sample to be frozen, and allows you to get your thaw sample practically from where it is located. It offers the possibility to check the sample before removing it from nitrogen, it does not allow other samples to be damaged. It allows you to do pooling. Both the doctor and the patient get the opportunity to access their embryo tracking information on their smartphone with their own password at any time.

## Unique Features;

- Easy installation; easy use.
- Mobile 8 inch touch screen.
- No cables laying around on the laminar cabin surface.
- No contamination risk.
- The integrated barcode reader, which does not require a trigger or a button, is practical and increases your speed.
- It stores all retrospective log records (by whom, on what date and at what time) and presents it to you as a digital report whenever you want.

## Advantages for Patient Admission;

- It is very easy to register a patient: Does not require login from the keyboard, it is sufficient for the spouses to scan their "Identity Card" into the system.
- Without the need to adjust the image of your patient, takes a picture of your patient with autofocus and saves it into the system.
- If you wish, your patients may access the embryo tracking information themselves with the smartphone app.

## Advantages for the Embryologist;

- Laminar flow in-cab apparatus can be used can be used as wireless or wired without contacting the surface, there is no contamination risk.
- It is ergonomic and designed for embryologist to work with either right or left hand.
- Thanks to the integrated barcode reader; Petri dishes and other utensils can be easily registered without ever lifting them off the surface.
- Only the patient being treated is active on the screen, this ensures complete security.
- It tracks the number of eggs collected and simultaneously transmits information to the screen in the OPU room.
- Information approved by the embryologist and other authorized users cannot be changed retrospectively by another person or user.

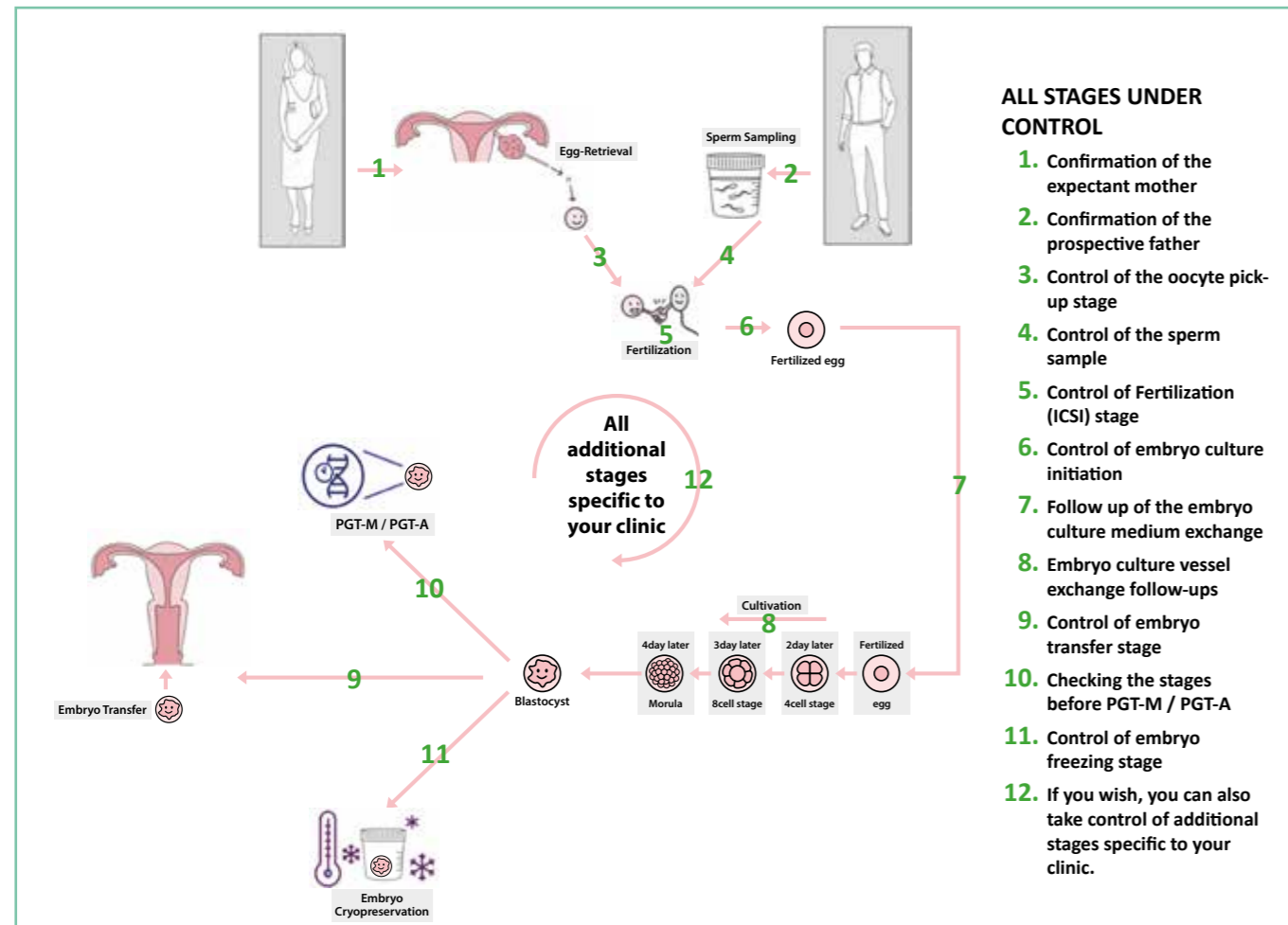
## Advantages for the Gynecologist;

- Thanks to the mobile terminal located next to the operating room table, collected eggs number can be easily tracked during OPU.
- The gynecologist can position the terminal in the desired location.
- During the embryo transfer, the physician and nurse check in real time that the right embryo is transferred to the right patient.
- Thanks to the mobile application, the doctor can access the patient's data from his/her smartphone at any time of the day.



## Advantages for the Patient;

- **ZEUS Mismatch Blocker** system provides security.
- The registration phase is practical: it is sufficient to scan a valid identity card into the system.
- No need to bring printed photo, the system takes a photo with autofocus and saves to the system.
- Thanks to the data matrix bracelet given to the spouses, OPU and sperm delivery stages can be controlled individually.
- With the given password, tracking information of the embryos can be accessed via mobile phone.



## ZEUS Bioscience

aims to ensure that all IVF centers benefit from this security system by offering affordable installation and usage costs.