

For More Secure  
IVF Laboratories

**ivfid**  
WITNESS SYSTEM

Everything is  
**UNDER  
CONTROL** !



ELECTRONIC  
WITNESS  
SYSTEM

[www.ivfid.com](http://www.ivfid.com)



# WHY IVFID ?

## What is Electronic Witness Security System?

It is an electronic Witness security system that ensures that sperm, oocyte and embryo samples that belong to patients being treated in IVF clinics are impeccably matched, and all data is verified using RFID chips in all stages of treatment (Andrology, Opu, Denudation, ICSI, Fertilization, Transfer, Freezing – Thawing and PGT). In addition, it saves time in the clinic, facilitates inspections, monitors real-time business processes, imposes responsibilities on personnel, provides detailed reports, triggers an alarm in case of mismatch, provides an uninterrupted workflow and a stress-free working environment. IVFID is not just an electronic witnessing system. It also includes Lab Management Software Embryo Tracking, Tank Management, Pregnancy Result and Statistics Reports.



### Development and Production

IVFID offers a flexible structure that can be designed according to the workflow rules of the clinics. The system can work locally as well as integrated with the ART Management Software databases of the clinic. In addition, all clinical movements can be followed in real time via IVFID mobile application.



### Flexibility and Compatibility

IVFID has been developed with the knowledge and experience in IVF field for many years. It is constantly updated according to the conditions of the day and the needs of the clinics. Over 55 IVF clinics are using our system. And the number is increasing very rapidly.



### Security, Authority and Audits

IVFID preserves all data regarding patient processes in its secure infrastructure under encryption and retrospectively reports when and by which personnel these processes were handled.



### Access from Everywhere

IVFID WITNESS SYSTEM is a web based system and authorized personnel can access the system from wherever they are using their laptops / PCs connected to internet.



### User Friendly Interface and Easy Operation

The system has been developed on multilanguage basis to enable personnel to monitor processes, display information and enter data in the most convenient way.



### Installation and Support

Installation of the system is very easy. There is no need to make any change in lab setup and no need for drilling/modification especially in laminar flow. Free of Charge Remote Support and Maintenance Service

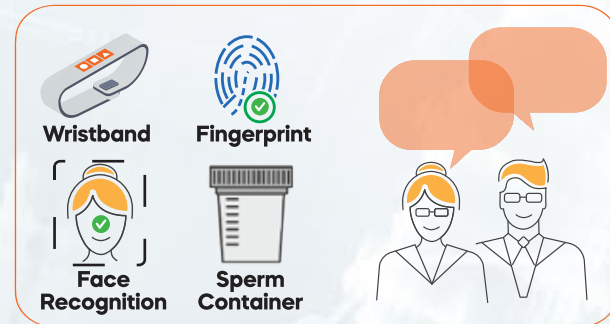
**IVFID** does not make a mistake; it remembers and reports.





# How to work IVFID ?

1



## Patient Information

Patients and spouses, donors and surrogate mothers are recorded at the reception.

Unique RFID chips are assigned to them, finger prints and pictures are taken for recognition (optional).

## Wristband / FingerPrint / Face / Sperm Container Recognition

Barcoded label sets are prepared along with patient wristbands and sperm collection containers with electronic RFID chips that are unique for patient.



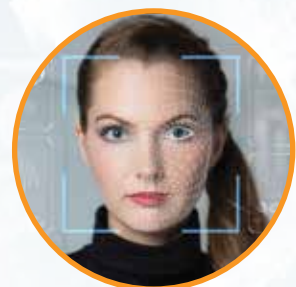
2

## OPU - Transfer - Surgery Real-Time Check

Patient's, Donor's or Surrogate's wristband, fingerprint or face check at entrance of operation room and all details, (real time oocyte count and embryo photo that will be transferred, etc) are shown on Lcd screen.



Operation Room LCD



Face Recognition

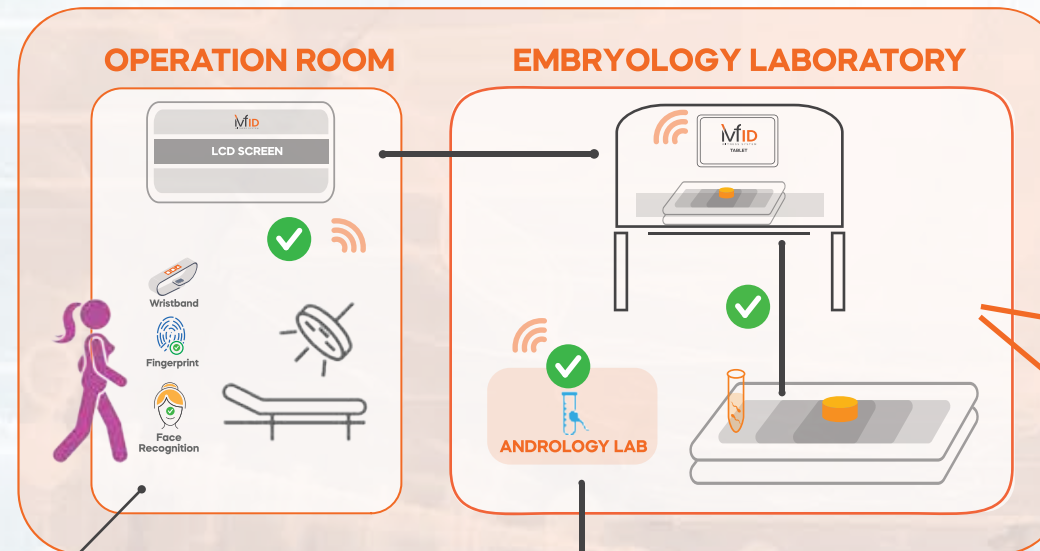


Wristband with RFID chip



Sperm Collect Room

Check, record, report every lab activity.  
Safety and security for clinics and patients.



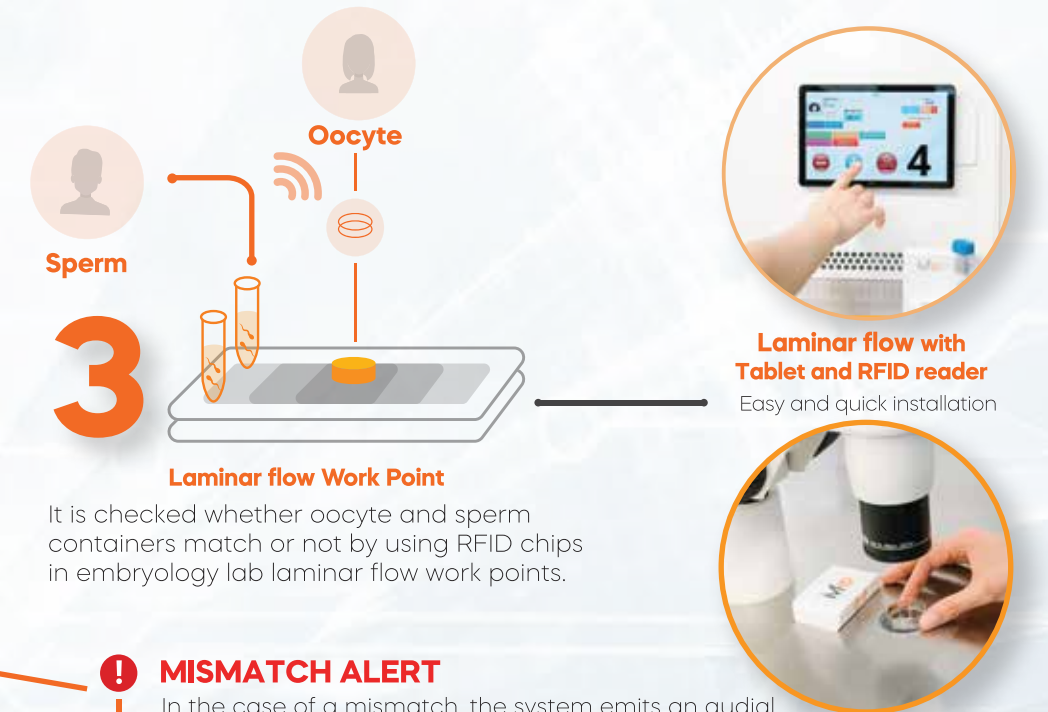
## Andrology Lab

A reader detect every sperm sample container or tube

## Sperm Collection Room

RFID chip on sperm container is read in sperm collection room and patient details (picture and demographic details) are checked on tablet screen. In addition, face match and finger print can be used for identification double check.

When patient is checked in sperm collection room, it's shown on andrology and all other clinic screens that sperm collection room is busy.



3

## Laminar flow Work Point

It is checked whether oocyte and sperm containers match or not by using RFID chips in embryology lab laminar flow work points.

## MISMATCH ALERT

In the case of a mismatch, the system emits an audial and visual warning, interrupts process and sends an auto warning message to relevant authorized personnel.

## NEXT STEP

Once correct sample is confirmed and checked, the process can move on.

4



## CLINIC MANAGER

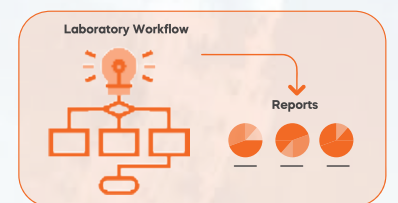


Easy and secure management

## Customizable Workflow

Creates specific solutions for your laboratory workflow.

## LAB MANAGER



## Analytics and Check Reports

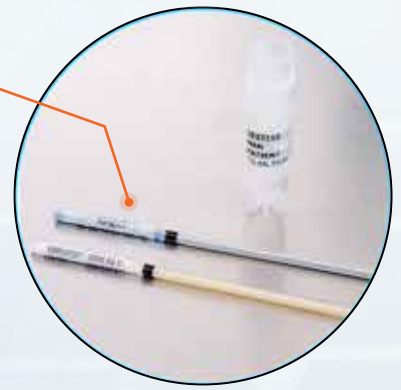
All procedures are recorded with information about personnel, date-time and location.



# Tank Control



Label and RFID chip on straw



- Easy Installation
- Mobile Check with RFID Reader
- 2D Tank mapping
- Usage of Full Capacity
- Central Management
- Consent Forms
- Deadline Follow-up and Notification
- -196 degree durable Label and RFID Chip
- Multilanguages

Check and follow all processes, OPUs, Transfers, Cryo and Thaw lists & get reports via Mobile Application

## Mobile Application



Thanks to IVFID, the factor of human error is eliminated, and patient safety is maximized. .

# Mfid

WITNESS SYSTEM



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