

## Surety-RFID Witness System

The Surety RFID Witness system for IVF lab is a state-of-the-art solution that ensures the safety and accuracy of in vitro fertilization procedures. The system uses radio frequency identification (RFID) technology to track and verify the identity of every sample, patient, and staff member involved in the IVF process. The system also provides real-time data and alerts to prevent errors and improve efficiency. The Surety RFID Witness system for IVF lab is designed to meet the highest standards of quality and compliance in the IVF industry so that doctors & embryologists can have complete peace of mind.

### Why Surety

**Patented Design (Patent Pending), Very Powerful, Extremely User friendly, Simple & Absolutely affordable “RFID based Electronic Witnessing System” Proudly made in India.**

- Web-based RFID Witness System eliminates the need for complex computer hardware.
- Nearby sample interference is eliminated in the work area.
- Extra hardware requirement is eliminated.
- Error codes for the mismatch can be defined by the user.
- Manual double witnessing at any stage is eliminated.
- Our RFID Tags are smallest among the available witness system.
- Creating process with image is made easy.
- Item Wise uses report.
- Offers customizable dashboard for the users.
- Automatic database backup.



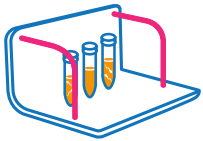
## Process:



ADMIN CARD READER



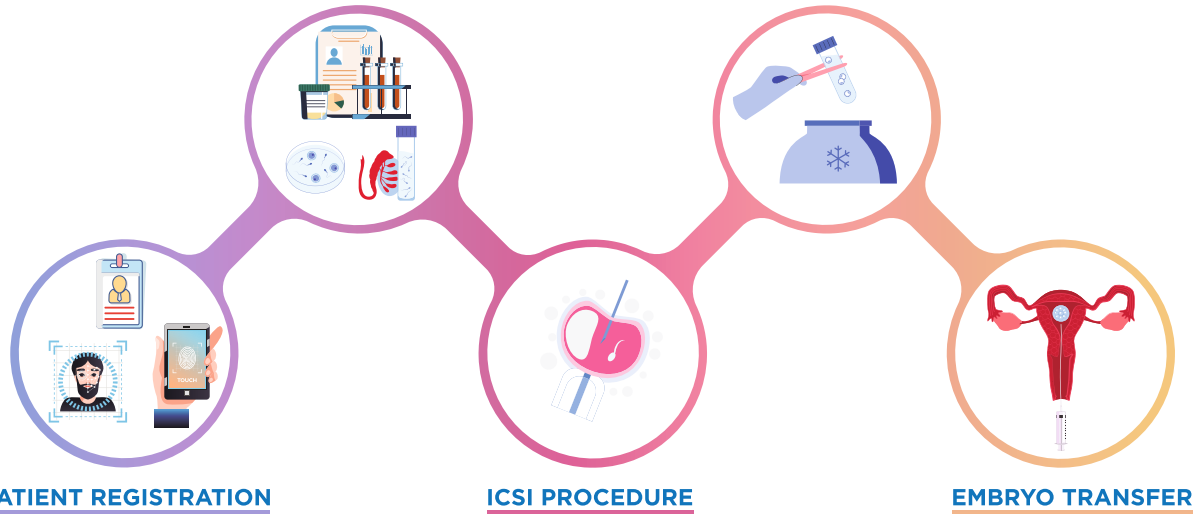
BARCODE READER



TUBE & DISH READER

### COLLECTION & PROCESSING

### FREEZING AND THAWING OF SAMPLES



PATIENT REGISTRATION

ICSI PROCEDURE

EMBRYO TRANSFER

- **Beginning of the cycle:** Each couple Assigned with unique RFID Cards & their info such as biometric & facial recognition is collected at the reception.
- **Tag Allocation:** ID tags containing this unique personal code is assigned to all plastic wares containing samples.
- **Cycle record:** Every work area in the lab detects wireless signal from the tags, they are identified, tracked & recorded at each IVF process.
- **Error Prevention:** In the unlikely event that the samples are mismatched, the system stops the process preventing any potential errors and alerts the embryologist to stop.
- **Insemination:** Surety confirms the identity of samples & allows the embryologists to proceed to insemination.
- **Transfer, Biopsy, Cryo preservation:** Once an approved action is confirmed, the sample can move onto the next step such as transfer, cryo preservation or biopsy.

