



a CooperSurgical Company

User Manual

RI WITNESS™

RI Witness Manager

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SECTION 1 - PREFACE

Thank you for choosing RI Witness.

This manual provides all necessary information to use the RI Witness Manager Software and should be read in conjunction with any manuals provided with other RI Witness hardware or software components that are being using. The system should be operated by trained personnel only. All sections of this manual should be read and understood fully before any operation of the system.

If the operator is unsure of any of the information contained in this manual they should contact Research Instruments or an appointed representative before attempting to use this equipment.

In no event does Research Instruments Ltd (RI) assume the liability for any technical or editorial errors of commission, or omission; nor is RI liable for direct, indirect, incidental, or consequential damages arising out of the use or inability to use this manual.

The information in this manual is current at the time of publication. Our commitment to product improvement requires that we reserve the right to change equipment, procedures and specifications at any time. The latest version of the User Manual can be downloaded from software.research-instruments.com. This manual belongs with the RI Witness system and should be passed on with the system if relocated to another clinic.

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This indicates cautionary text which should be followed to avoid injury to users or damage to samples.



The system should be operated by qualified and trained personnel only.

SECTION 2 - INTRODUCTION TO RI WITNESS

RI Witness uses RFID technology to constantly monitor each working area in the IVF lab for the presence of patient materials and electronically identify them in order to help prevent mix-ups. Barcoded labels are used to track materials as they come in and out of cryopreservation. RI Witness also includes features that will help save time, allow for increased capture of cycle information and speed up the auditing process.

RI Witness includes three software components: RI Witness WorkArea application, RI Witness Manager application and RI Witness SQL database.

As well as the core electronic identification functions of RI Witness, there are four optional software modules that can be enabled to add extra functionality to the system: Cryo, Traceability, Imaging and Data Collection.

This document covers RI Witness Manager. For more information on RI Witness WorkArea see 6-70-121UM. For more information on the RI Witness database see 6-70-121IT and 6-70-122IT.

Indication for Use for RI Witness System

To identify and track human samples, using RFID technology, through the assisted reproduction (AR) cycle, including cryopreservation.

Related Documents

6-70-121UM	RI Witness WorkArea User Manual
6-70-121IT	RI Witness IT Requirements
6-70-122IT	RI Witness Database & Software Installation Guide
6-70-807UM	RI Witness Embryology Heated Plate User Manual
6-70-808UM	RI Witness Sperm Preparation Reader User Manual
6-70-812UM	RI Witness Admin & Card Reader User Manual

Introduction to RI Witness Manager

RI Witness Manager is used on general-purpose administrative computers around the IVF clinic and connects to the SQL database. It provides the following functions:

- Enter, edit and review patient demographic records, e.g. name, ID number, date of birth, partnerships, etc.
- Enter, edit and review treatment cycle records, e.g. cycle type, start date, egg collection date, embryo transfer date, etc.
- Produce treatment cycle reports.
- Review the electronic identification records collected by the RI Witness WorkArea clients; filtering by patient, cycle, date, operator, etc.
- Explore statistics and analytics on the electronic identification records.
- Manage the operator accounts used to log in to the RI Witness system.
- Manage the configuration of the RI Witness system for the lab; e.g. witness point diagram, treatment cycle types, licensing, etc.

See Figure 2-1 for an example of the RI Witness Manager user interface.

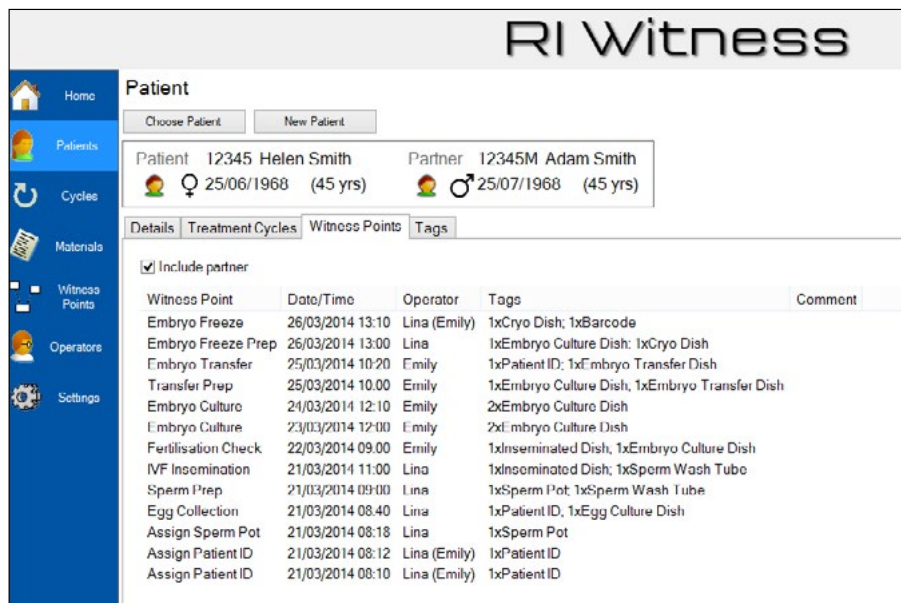


Figure 2-1 example of the RI Witness Manager user interface.

Introduction to the Cryo Module

The features of Cryo extend the security of the RI Witness system by allowing patient materials to be tracked as they enter and leave cryo storage, creating a complete electronic record of the patient cycle.

With the Cryo module enabled, the following extra functions are available in RI Witness Manager:

- Using a Brady BMP71 printer attached to the computer, uniquely barcoded cryo carrier labels can be printed.

Introduction to the Traceability Module

It is often necessary for IVF clinics to demonstrate the ability to review what batches of materials have been used for each treatment cycle.

The features of Traceability allow batches of materials to be entered into the RI Witness database as they are delivered to the clinic or prepared for use in the lab, using a barcode scanner. Using the treatment cycle records entered into the RI Witness database, the links between treatment cycles and material batches can be explored to generate various reports, for example a report showing all patients that have been exposed to a material batch, see Figure 2-2.

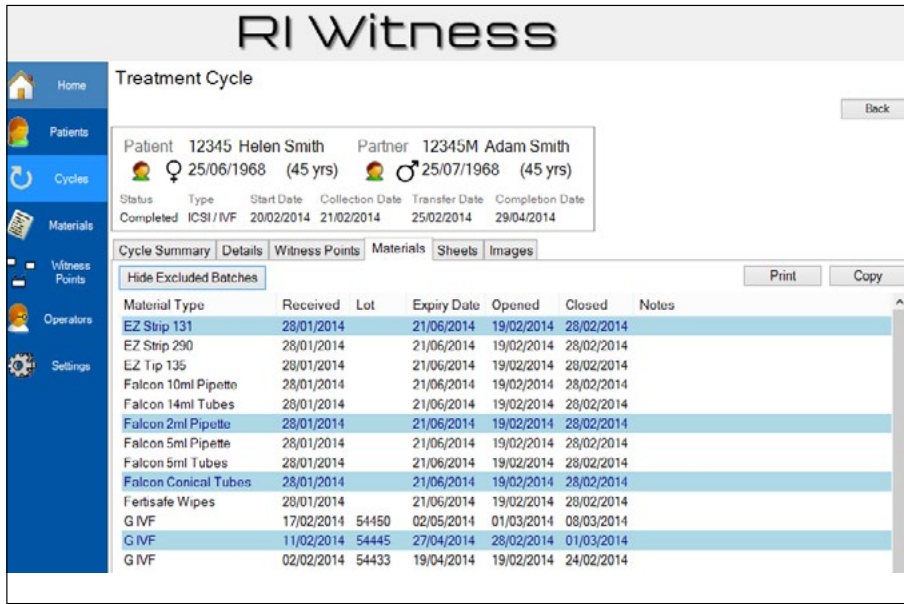


Figure 2-2 RI Witness Manager is used by RI Witness, Data Capture, Traceability, Imaging and Cryo

With the Traceability module enabled, the following extra functions are available in RI Witness Manager:

- Manage the records for the types of materials that are used in the lab.
- Review the batches of materials that may have been used for each treatment cycle.
- Review material batches that are expiring soon.

Introduction to the Imaging Module

The features of Imaging enable images and videos to be captured from every microscope equipped with a camera, throughout the treatment cycle, in real time. All the latest information on a cycle can be accessed immediately from any networked computer. Images can also be streamed to the embryo transfer room to show the patient prior to embryo transfer, see Figure 2-3.

The Imaging module enables compatibility between RI Witness WorkArea and the RI Integra™ micro-manipulator.



Figure 2-3 Example of patient view shown in the embryo Transfer room