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ART Management Systems

Getting to know BabySentry v.12

Productive by Nature

The World Health Organization (WHO) estimates that > 10-15% of adults wanting a child are affected by sub-fertility. Across the world, IVF has witnessed a recent exponential growth to 1 clinic / 100,000 adults.

BabySentry (BBS) management system in its 12th version is designed for the Assisted Reproduction Technology (ART) workplace which caters to the above needs.

BBS is proposed for use as a central database electronic medical record (EMR) with multiple interfaces and connections to hardware and 3rd party software. Modules are structured to cover all ART functions and affiliated services.

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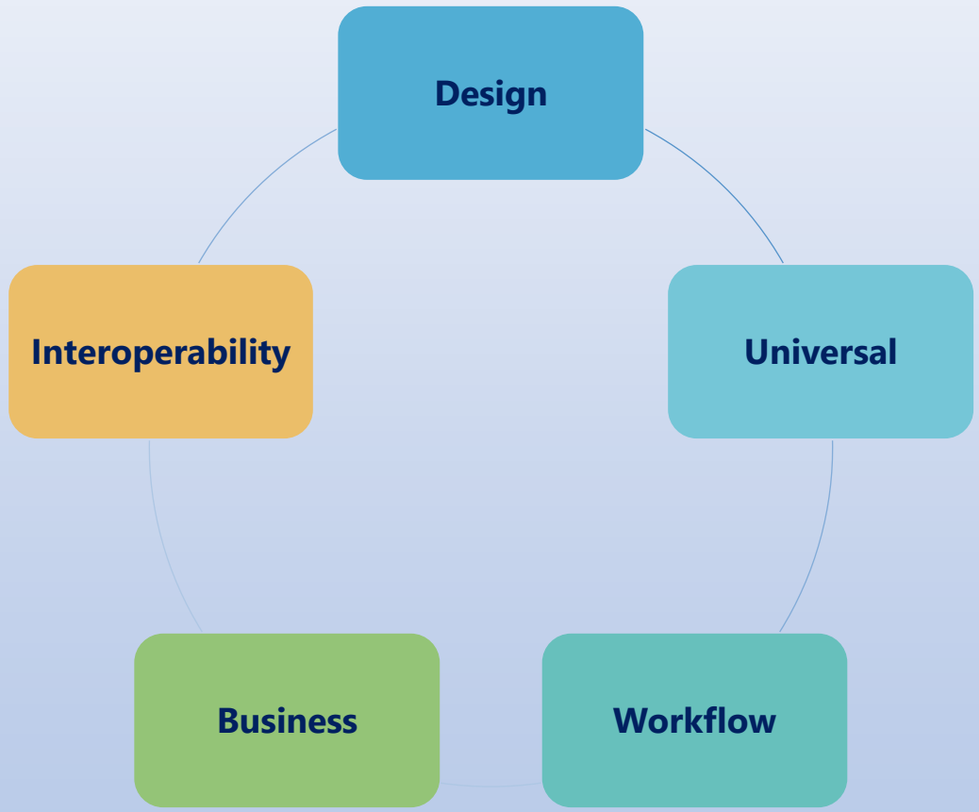
A few concerns of modern ART

What we Offer:

2 decades of cumulative know-how from world-renowned clinics to you

- 1 universal version with an ongoing evolving business logic from world-renowned references.
- A core product with multiple interfaces and optional modules to fit any practice, ranging in size from 5 basic users to the largest Enterprise Edition of 100s of concurrent users and scientists, across multiple sites.
- A robust architecture backbone coupled with sound business analysis.
- Expert training curriculum supported by extensive help manuals.



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Innovation is our creed

2000 BBS for ART

2001 Multi-site

2002 Multi-language

2003 3-Tiers
HIPAA compliant

2004 PGD
PGS
Prenatal

2005 LIS interface

2006 Query builder
HL7 interface

2007 Multi doc interface

2008 DICOM link

2009 KPI dashboard
Sono AVC

2010 SART (CORS)
ANZARD

2011 iPad interface

2012 Patient Portal
CARTR plus

2013 iMine IVF mobile app

2014 Mail Merge
Timeline

2015 Consent Manager

2016 Lab Corp
Quest Diagnostics

2017 Hospital Archive
HFEA (EDI)

2018 QBOX IVF
RTC (W. Australia)

2019 FDA screen
HFEA (PRISM)
ABM (GAIA)

2020 Document Manager

HIPAA	Health Insurance Portability & Accountability Act – USA
HL7	Standards for the exchange, integration, sharing and retrieval of electronic health info.
DICOM	Digital Imaging & Communications in Medicine.
SART (CORS)	Society for Assisted Reproductive Technology (Cycle Outcome Reporting System) – USA
ANZARD	Australia & New Zealand Assisted Reproduction Database.
CARTR plus	Canadian ART Register – CAN
HFEA (EDI)	Human Fertilisation & Embryology Authority (Electronic Data Interchange) – UK
PRISM	Patient Register Information System – UK
RTC	Reproductive Technology Council – W. Australia
FDA	Food and Drug Administration – USA
ABM (GAIA)	Agence de la Biomédecine (Gestion et Analyses Informatisées de l'Assistance Médicale à la Procréation) – FRC
QBOX IVF	Interface engine for witnessing & time lapse from Merck

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Highlights at a glance

BabySentry	ID	Cal	Male	Female	Plan | Order	ART	Cryo	Prenatal	Stats	Accounts	Timeline
	Personal Insurance Referral Consents	Staff Location Resource Text messages Portal		Notes Document Andrology Clinical Lab FDA screen Surgical Portal	H&P Inter-Dept. Orders 3rd Party iMine IVF Calendars	Monitor Embryo Transfer Outcome Registry	Storage Stock Renewal	FISH PGS Molecular	ART Custom QA Registry	Offer Invoice Super-Bill	Graphic Shortcuts Dashboard

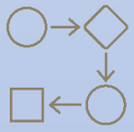
Connectivity

Built-in registry logic

Security compliant

Multi-languages

Help | Support



Implementation plan

User-defined templates

Audit trail

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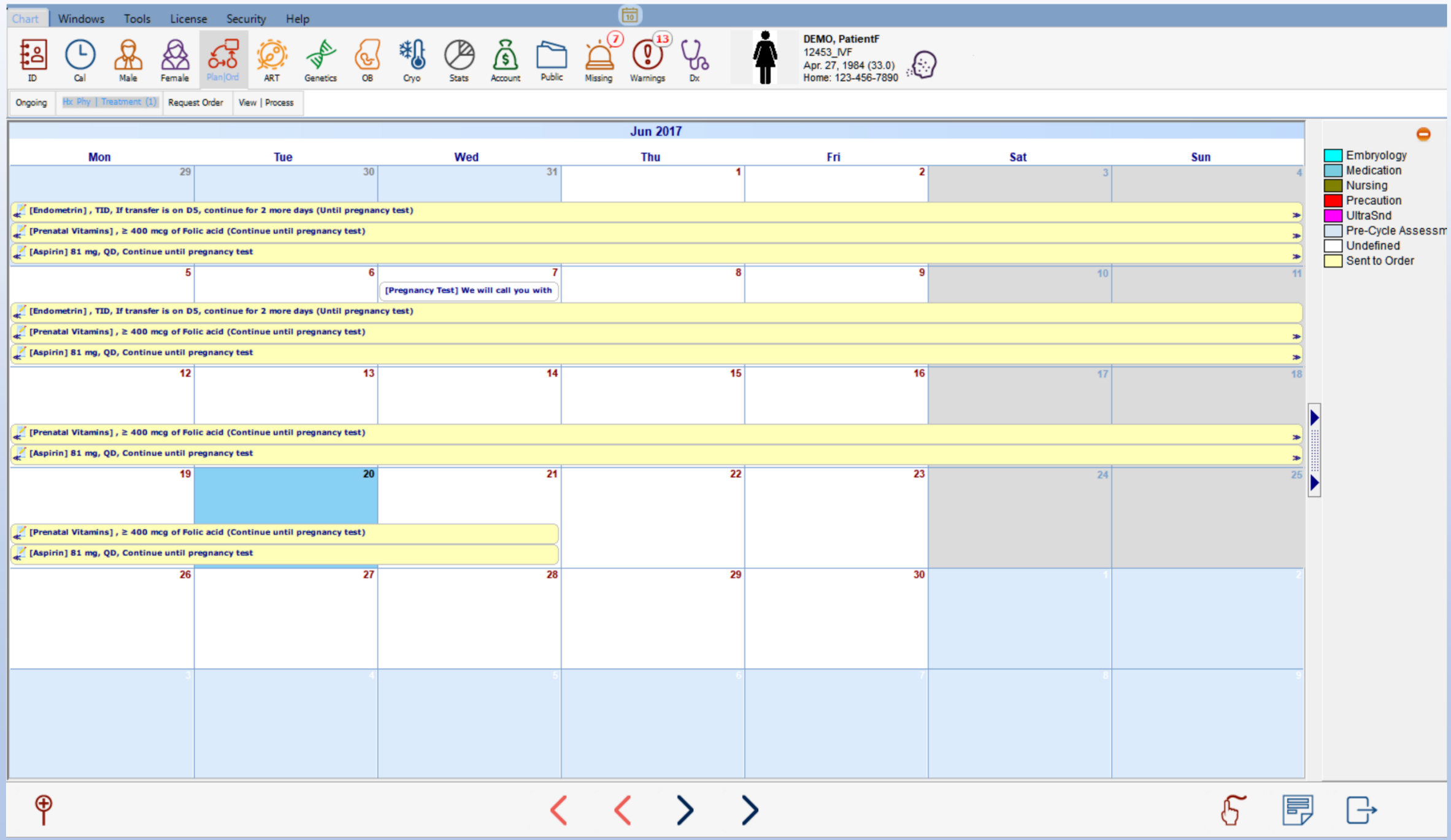
Synchronizing treatments with all teams



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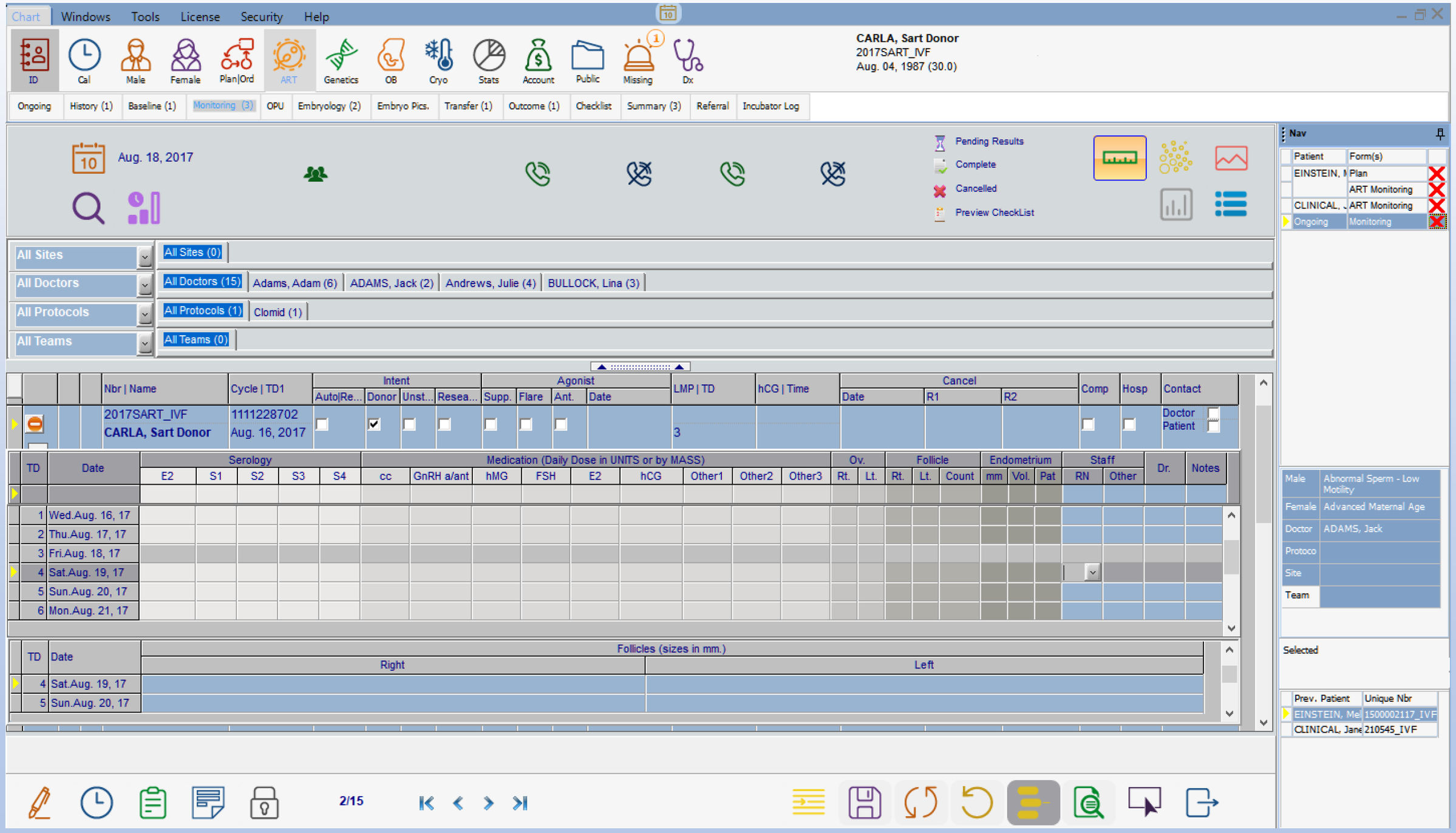
Your workflow now optimized



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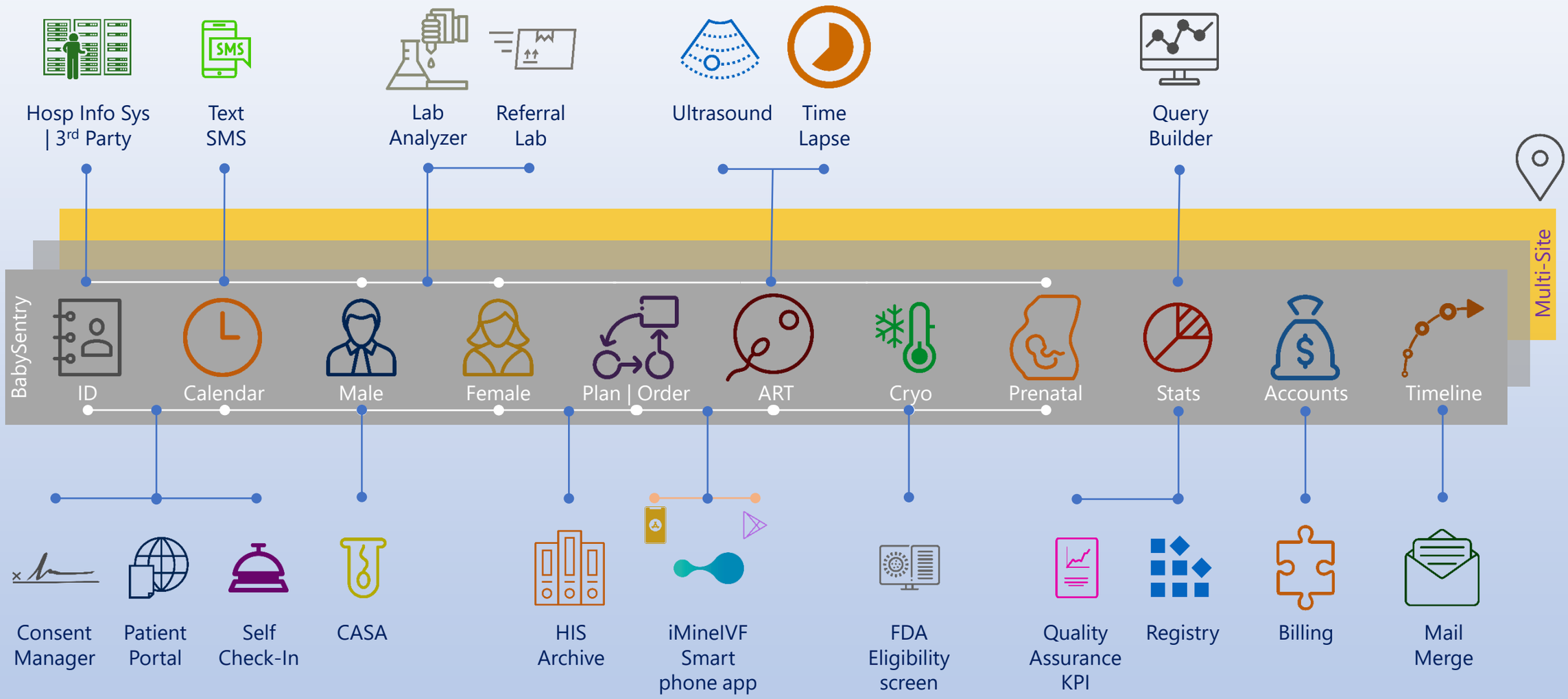
An elaborate integration:

ver. 12 & interfaces



CASA	Computer Aided Semen Analysis
HIS	Hospital Information System
FDA	U.S. Food and Drug Administration
KPI	Key Performance Indicators

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Optional Modules:

Only the ones you need

3rd party – HIS, LIS
- 1 or 2-way interface
- Epic, Cerner, Lab Corp...
- Demographic
- Schedule
- Billing
- Lab

Lab Interface
- Link blood analyzers
- Process barcodes, orders-results
- Instrument Manager
- Referral labs

DICOM
- Link to ultrasound
- Image capture
- Data parsing

Patient Portal
- Registration
- Med History
- Scheduling
- Instructions

Quality Assurance
- Staff key performance indicators

National Registries
- SART (CORS)
- NASS
- CARTR plus (BORN)
- HFEA (PRISM)
- ANZARD
- RTC W. AUS
- ABM (GAIA)

Archive
- Link to HIS
- Embedded PDF in outbound HL7
- Sensitive reports management

Mail Merge
- User-defined report editing
- Manage in MS Word

Multi-Site
- Central database
- Map users, patients and data

iMineIVF app
- Smartphone app
- Provide patients with personalized instructions, meds...
- iMineIVF.com

Build a Query
- User-defined on all variables in the DB
- Export to choice systems

Time-Lapse
- API for bi-directional witnessing and embryology - QBOX IVF
- Supports specialty scores

Some geek stuff for performance enhancements

BBS-12 is uniquely positioned to provide hospitals and clinics with the most comprehensive yet robust solution available today.

It is our emphasis on details and exposure to multi-national markets that makes us confident in providing the performance, availability and connectivity required to meet your mission-critical needs and strategic objectives.

Store
- MS SQL server 2008, 2008 R2, 2012, 2014, 2016, 2017

Design
- Optimized architecture
- 3-Tiers

Flexibility
- Terminal server
- Citrix
- HIS connected (Epic, Cerner…)

Navigate
- Multiple display interface

Share
- Images
- Videos
- DICOM
- Clinical reports

Strategy
- Deployment
- Multi Site
- 3rd party

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Our services will develop your workplace

Workflow Analysis
Detailed mapping of step by step processes | Assistance in migration to EMR.

Onsite Installation & Training
Presence during initial phases of deployment | Staff training & roll-out planning.

Multi-Language Platforms
Complete conversion of interface | Printed materials.

Technical Support
Installation & system configuration | Available online 24/7.

Documentation
Data dictionary of all fields | Registries & Interfaces | Learning modules.

IT Services
Consulting | Data conversion & mining | Custom development.

Licensing
Basic Pack or Enterprise Edition | Interfaces, maintenance & upgrades.

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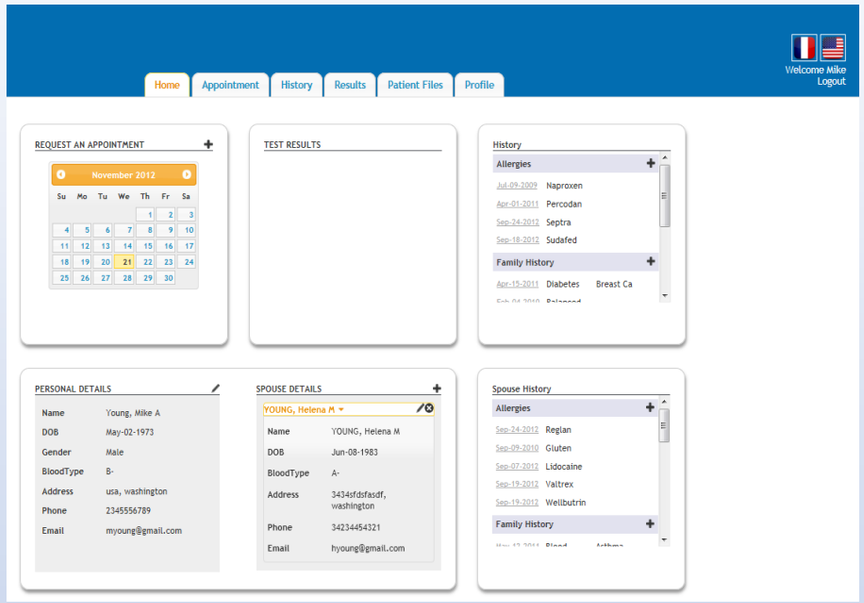
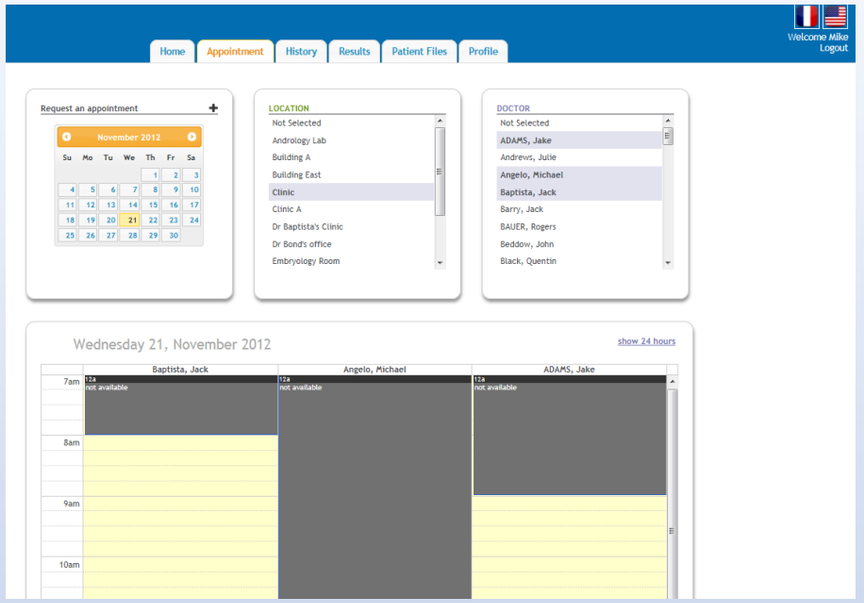
Reach out with a Patient Portal

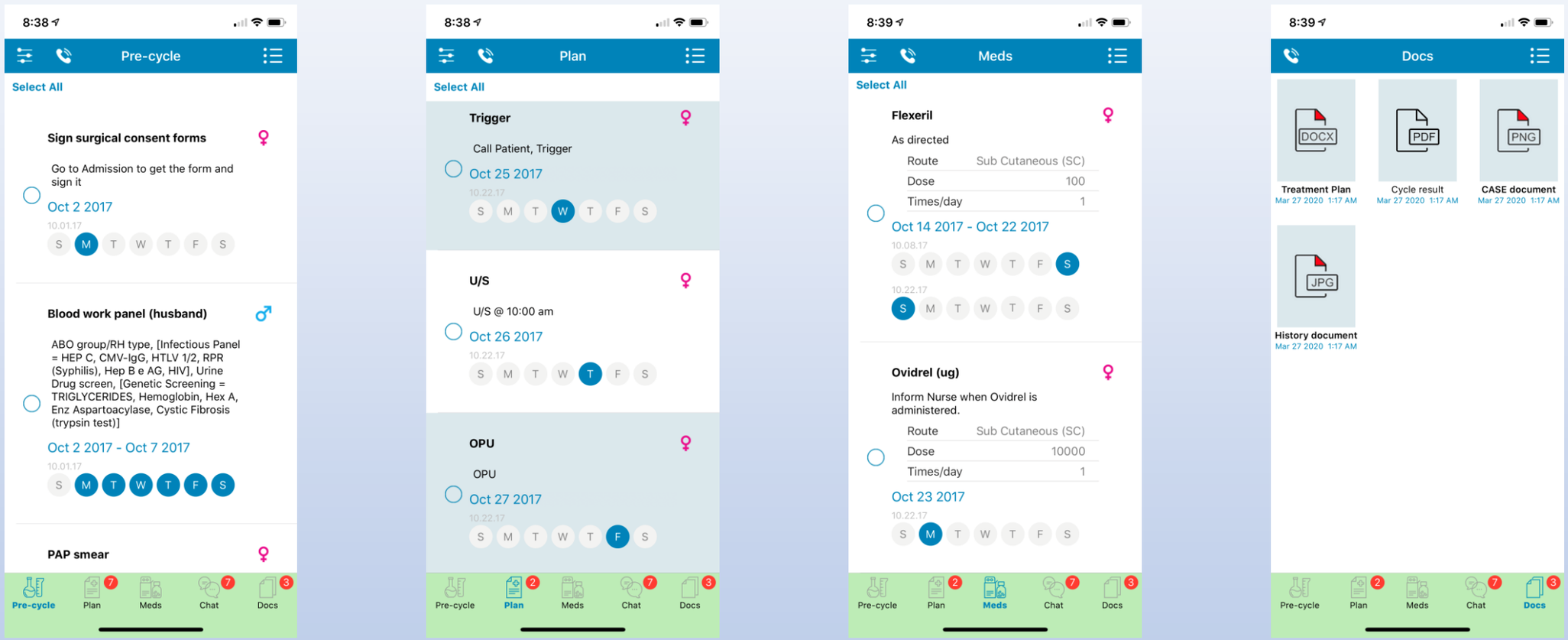




- Online Registration | Patients create their own accounts.
- Scheduling | Publish online all available time slots for booking requests.
- Male and Female History | Full questionnaires save valuable time at 1st time consultations.
- Lab Results | Publish all reviewed results.
- Report Files | Publish 100s of reports directly from the point of care.

iMineIVF:

Our smartphone app for patients on the move



- Smart phone application | Patients access their events and synch to phone calendar.
- Service | One global application for all BBS treated patients.
- Contents | Pre-cycle instructions, cycle events, medications, chat tool and document exchange.

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References & success stories

Adora Fertility (Healius) - Australia

McGill Reproductive Center - Canada

American Hospital Istanbul - Turkey

Clínica de Fertilización Asistida - México

Reproductive Genetics Innovations - USA

Stanford - Lucille Packard Hospital - USA

Clinique OVO - Canada

Abu Dhabi Health Services - UAE

Trio Fertility - Canada

CHU Montpellier - France

IVF Chinese University - Hong Kong

Srijan IVF - India

Atrium - Carolina Health System - USA

Johns Hopkins Fertility Center - USA

OU Physicians Reproductive Medicine - USA

Penn Fertility Care - USA

Genea - Australia

ACU at Guy's and St Thomas' NHS Foundation Trust - UK

Additional references available upon request

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