Boston
Advanced Analytics
Advanced Software for Enhanced Healthcare

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Aurora for IVF

Aurora for IVF streamlines cycle management through fully integrated electronic flow sheets for improved patient outcomes
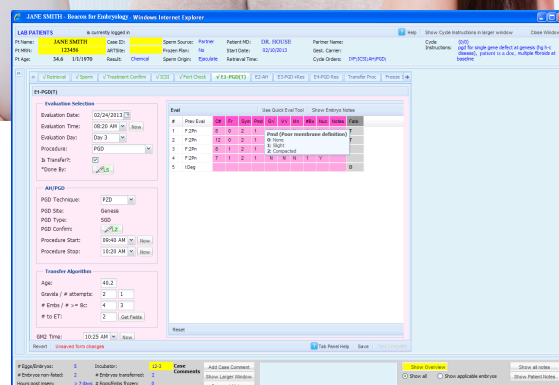
AURORA TECHNOLOGY

Aurora facilitates the rapid development of treatment-specific software workflow and data inputs from various healthcare settings to organize all clinical data in one place. Aurora's ability to track patient health over time with a 360-degree view makes it an ideal solution for practitioners and support staff seeing patients on a regular basis.

AURORA FOR IVF PRACTITIONERS, EMBRYOLOGISTS AND RESEARCHERS

Medicated infertility cycles are complex and emotionally challenging for patients. Managing an IVF cycle requires precise patient monitoring and scheduling with daily medication adjustments, access to vital embryology data, and compliance with reporting regulations.

Aurora used in an IVF setting provides electronic flow sheets for clinicians, medical staff and embryologists to manage the entire patient IVF cycle. With embedded procedure protocols for automated scheduling and patient data including embryology information directly imported into the flow sheet, clinics see dramatic improvements in practice efficiencies over existing paper charts, customized databases or generalized EMR packages

Aurora is currently used by a leading Boston IVF practice to manage 1600 patient IVF cycles annually across the hospital site and four connected practice including embryology data.

Aurora manages, analyzes and presents hundreds of points of data from various sources and settings including

» Admission Records

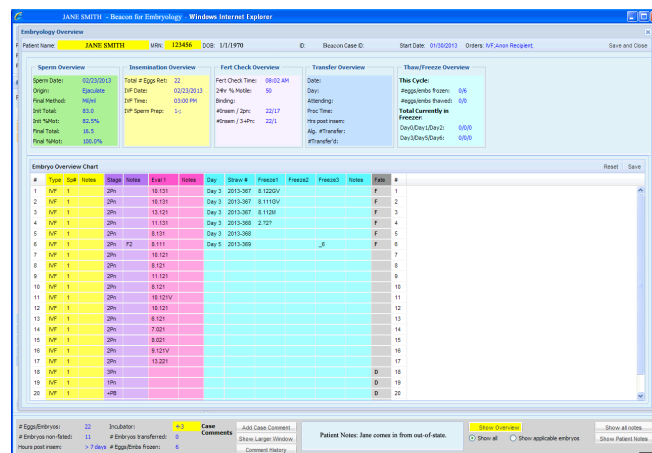» Insurance

» Lab reports

» Medical tests

Aurora for IVF Technology Features

Practice Management

» **Operations** – Provide reports on efficacy of personnel and on key metrics for patient and clinic success

» **Portal** – Show status of patient's "record" and provide communication between patient and clinician

» **Letter Generation** – Provide patient or referral letters from myriad custom templates

» **Notifications** – Send email to internal personnel to keep ahead of regular or urgent happenings

» **Appointments** – Provide calendar of activity by provider or procedure to assign next appointment for patients

» **Billing** – Create billing records for all procedures that integrate into financial software

» **System Administration** – Software features are driven by tables; and can be easily managed by site personnel

Patient Management

» **Visual Reporting** – Color-coded graphs, charts and tables enable comprehensive insight into an otherwise complex data set

» **Review** – Show information for collegial review and prepare for next treatment

» **Integration** – Integrate to existing systems for labs and test data and to provide orders and requests

» **Visit Notes** – Provide quick access for care-specific collection of key data points during patient visit

Lab Management

» **Full View** – Track egg/embryo evolution

» **Whiteboard** – Show active status of today's events and procedures and plan manpower accordingly

» **Inventory Management** – Track updates to 'inventory' of patient-stored biologic material; such as a biobank for genetics or frozen embryos in an IVF clinic

» **SART Upload** – Automated submission to SART eliminates double data entry

» **Reporting** – Effectiveness of protocols, personnel and equipment

Compliance

» **Research & Quality Assurance** – Easily sort and query for research and QA projects

» **MD Signatures** – Mandatory electronic sign off on certain entry points, ensure the best in patient safety

» **Encrypted HIPAA mode** – De-identifies patient data for printing or emailing patient files

» **Validation** – Review data and send message to originator to assure data is valid and consistent

» **Data Ownership** – All data is owned by clinical practice and accessible in house

About Boston Advanced Analytics

Boston Advanced Analytics specializes in workflow and data analysis software for the healthcare industry, transforming the way practitioners are managing patient populations and researchers are advancing the science of disease cure and management. For over 10 years, we have provided top hospitals, clinics and researchers on three continents, with a 360 degree view of patient data to support a precision medicine approach. Our technology platform blends cloud technology, deep operational expertise, and advances in genetic testing and medical wearables to build a network of care communities and streamline clinical operations.

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