



Rhea Labs

2025 → 2026

Year in Review & Direction Forward

For Rhea Fertility / Gen Prime

In 2025 we expanded our tools to include oocyte quality assessment and are working on a sperm quality assessment toolbox. We added localization of our egg calculator and, while continuing to focus on R&D in publications and patents, we welcome a new product manager to increase real-world usage.

RESEARCH MILESTONE

ACCEPTED – ORAL PRESENTATION

"Not a high-level opinion piece but a rigorous analysis... includes a formal incompatibility result demonstrating potential failures of average metrics like AUC. A significant and timely contribution to building and validating clinically trusted AI."

The paper addresses a critical gap: while AI shows promise in healthcare, naive application of standard ML metrics can mask systematic failures. We formalize when and how AI evaluation breaks down in clinical settings — and what to do about it.

From AUC to Accountability: Metric Choices, Social Norms, and the Deployment of Therapeutic AI

November 2025

Next: Oocyte Assessment publication (Q1 2026) | AIFS Portugal 2026

INTELLECTUAL PROPERTY

PCT Patents Filed

PCT/US25/49951

Method and System for Predicting Embryo Implantation

Rhea Fertility Singapore Pte. Ltd.

FILED

Oct 7, 2025

PCT/US25/49952

Method, System, and Computer-Readable Medium for Assessing Oocyte Quality

Rhea Fertility Singapore Pte. Ltd.

FILED

Oct 7, 2025

PCT/US25/455226

**Graph Neural Network-Based System for Metabolomic Network Analysis and
Embryo Implantation Prediction**

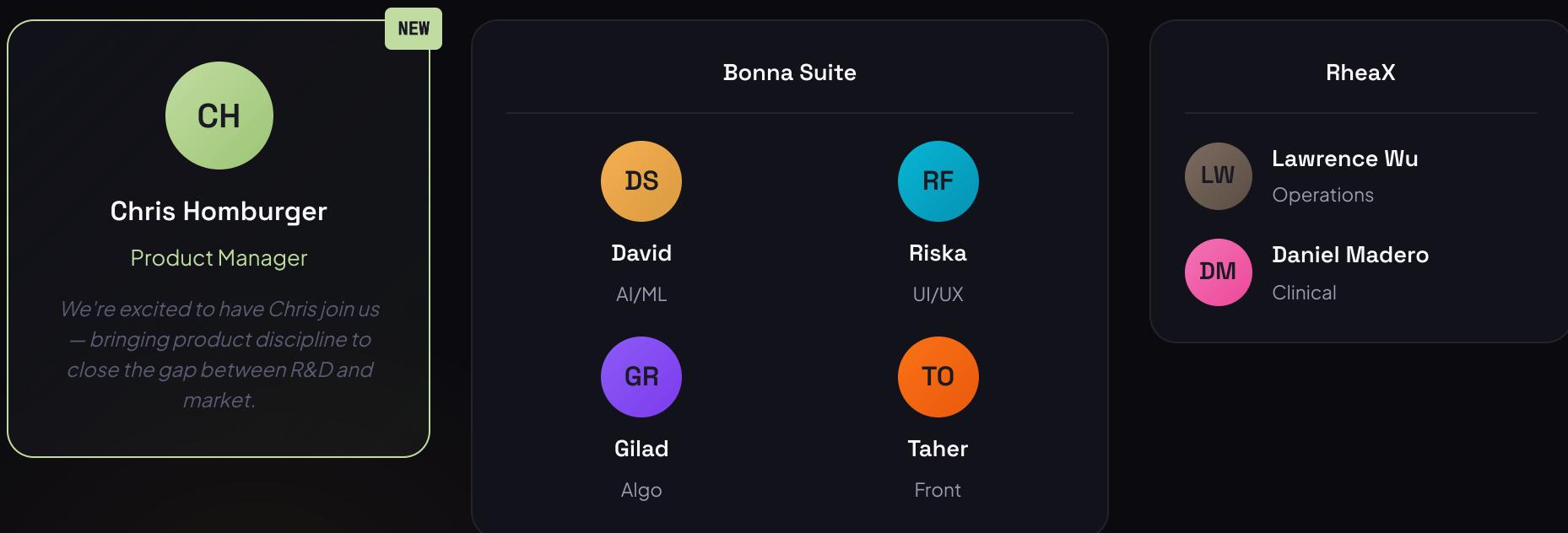
Rhea Fertility Singapore Pte. Ltd.

FILED

Nov 13, 2025

TEAM UPDATE

Rhea Labs Team



+ Tilly integration across all platforms

Bonna Suite Dashboard

 Rhea
dhsilver

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-  [Embryo Quality](#)
-  [Hormonal Protocol](#)
-  [Implantation Window](#)
-  [Sperm Analysis](#)
-  [Manage Clinic](#)
-  [Customize Report](#)
-  [Settings](#)

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Dashboard

Sun, 21 December 2025

Hello, dhsilver



Egg Freezing Calculator

Estimate egg retrieval numbers and the likelihood of achieving a live birth.



Oocyte Quality

Assess oocyte quality to improve fertility outcomes



Embryo Quality

Evaluate embryo development to boost pregnancy success.



Hormonal Protocol

Receive recommendations for hormonal protocols to maximize mature oocyte yield.



Implantation Window

Pinpoint the optimal timing for embryo transfer to enhance implantation success.



Sperm Analysis

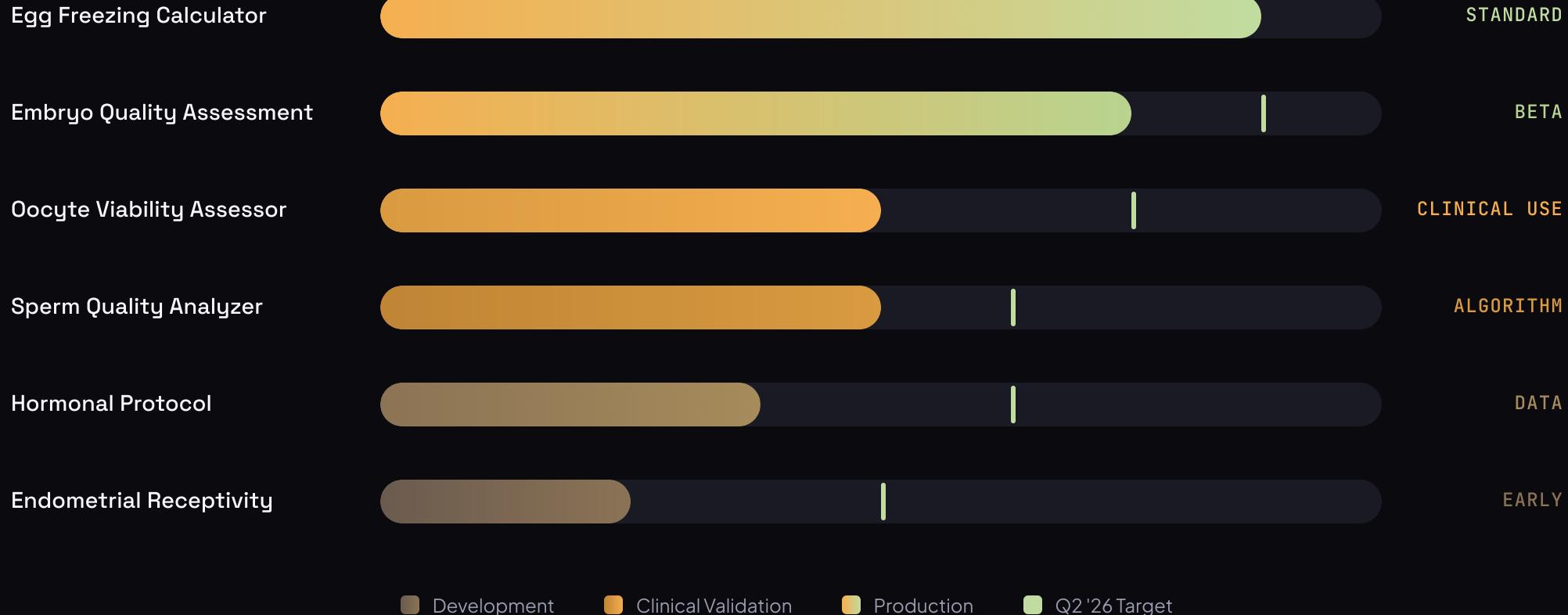
Analyze sperm quality to enhance fertility treatment outcomes.

Real-time analytics and insights across all Bonna Suite modules

PRODUCT PROGRESS

Bonna Suite Roadmap

● Q4 2025



COOPERATIONS / EVENTS

Genea BioMedx
API Integration

genea.co.th
Embedded

Localization
6 Languages

Dec 2025
World Fertility Awards

LOOKING AHEAD

2026 Direction

From tool expansion to system integration



Integration

Deeper integration with incubators and EMR systems for seamless clinical workflows.



Scale

Expand Bonna usage within GenPrime clinics and grow external partner adoption.



Validation

Oocyte paper Q1. AIFS Portugal presentation. Rigorous evaluation.

2025

Expansion of tools



2026

Integration and scale

Rhea Labs Team

December 2025



Happy Holidays & Happy New Year

Wishing you warmth, joy, and new beginnings in 2026

From the Rhea Labs Team

Improving fertility journeys and outcomes with science-driven, clinically impactful tools