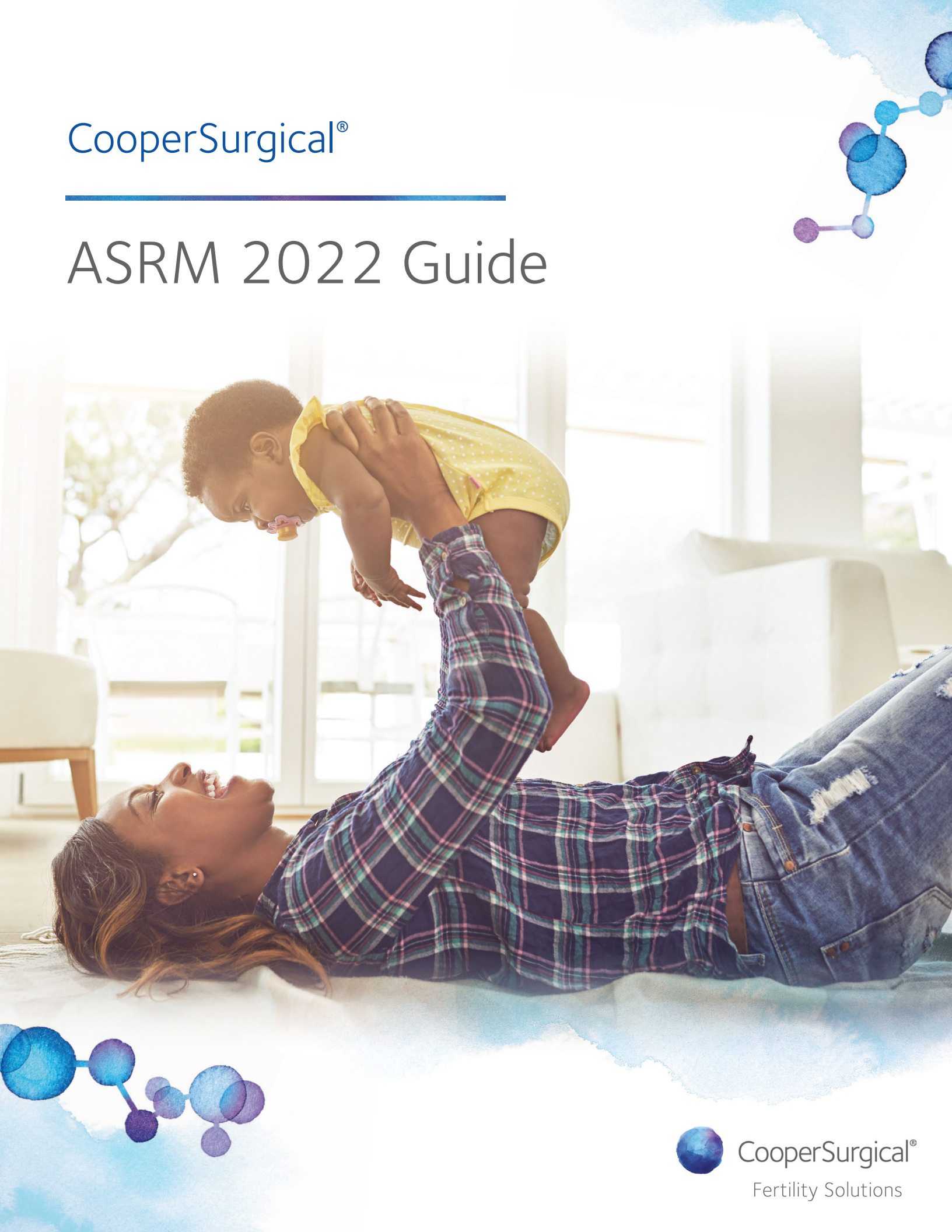


CooperSurgical®

ASRM 2022 Guide



Welcome to ASRM 2022



Alexandre Flaith
Vice President,
Americas

We are thrilled to be here for the 78th ASRM Scientific Congress and Expo, and we would like to extend a warm welcome to all our friends, customers, and partners!

At this year's ASRM of Genes, Gametes, and Genetics, we are excited to announce the launch of our ER-CompleteSM test. Our 3-in-1 offering is our most complete endometrial test, helping identify the right timing (ERPeak[®] test), and right environment (ERBiomeSM test), for optimal embryo transfer. Our recently launched innovation in PGT-Complete test offers our most comprehensive PGT-A analysis, going beyond aneuploidy screening to offer our most clinically comprehensive insights for embryo transfer decision making. Our PGT-Complete test and ER-Complete test provide you with comprehensive and individualized testing for each step of the preimplantation journey, helping identify the **right embryo, right time, right environment.**

At CooperSurgical[®] we have a large number of scientific experts in reproductive genomics and assisted reproductive techniques, many of whom are here at ASRM this year to meet with you. This diverse group includes **Mark Hughes, one of the first pioneers of PGT, who will be recognized this year for his contribution to the field with a lifetime achievement awarded from SRBT (Society of Reproductive Biologists and Technologists).** Our team of experts have 15+ ASRM approved abstracts, including oral presentations and posters.

Our RI Witness IQ[™] solution, which was released earlier this year, improves **fact-based lab management** by providing detailed insights into lab performance, utilization of equipment, and adherence to both clinic/group SOPs and accreditations. It is available to new and existing RI Witness[®] system customers, and can also help automate some of your monthly reporting tasks. We would love to give you a live demonstration at our stand!

Additionally, we are proud to show our enhanced offerings within cryo solutions via Embryo Options[®], an efficient cryo storage billing system

for fertility clinics as well as Cryo Shipping and Storage services from Core Cryolab[™] to safely store or ship specimens.

Even more insights into our future genomic technology innovations and updates on our reproductive solutions await you at our stand. Please arrange a meeting with our team at the stand and we look forward to speaking and partnering with you!

As a trusted leader within reproductive solutions, we are passionate about sharing insights into our cutting-edge technologies, highest quality standards, premium support, and ongoing significant investments in genomics. We are looking forward to sharing these insights with you and **CHANGING FERTILITY FOR GENERATIONS TO COME!**

Alexandre Flaith

Regional Directors at ASRM

Look out for your regional directors at ASRM, they can connect you to our support and scientific teams



George Carralejo
Regional Sales Director
- West



Brian Mauk
Regional Sales Director
- Central



Eric Gerstner
Regional Sales Director
- East

Scientific activities

Oral presentations

Suitability of gamete donor applicants identified as carriers at-risk for symptoms

Authors:

Jessica Park, MS, CGC, Michelle Cahr, M.S, CGC, Rebecca Davis, MS, CGC, Kara Baldwin, MS, CGC, and Pamela Callum, MS, CGC

Oral Abstract Session:
Genetic Counseling

10:45AM - 12:15PM on Oct 24

Discovery of germline mosaicism, non-penetrant disease, and more following diagnosis of autosomal dominant disorders in donor-conceived offspring

Authors:

Jessica Park, MS, CGC, Jennifer Luque, MGC, CGC, Kara Baldwin, MS, CGC, Pamela Callum, MS, CGC, Michelle Cahr, M.S, CGC

Oral Abstract Session:
Genetic Counseling

10:45AM - 12:15PM on Oct 24

Internal Investigations Over a 4-Year Period Highlight the Consistency of Preimplantation Genetic Testing (PGT), Though Identify Preventable Repeated Causes of Discrepant PGT Results

Authors:

Nicholas Paolino, MS, CGC, Kristine McWilliams, MD PhD, Pere Colls, Ph.D, Elizabeth Cameron M.S

Oral Abstract Session:
Preimplantation Genetic Testing 1

10:45AM - 12:15PM on Oct 24

Comparative analysis with direct mutation and linkage analysis reveals that Karyomapping is a highly accurate method of preimplantation genetic testing for monogenic disease (PGT-M)

Authors:

Olivia Whiting BSc MSc, Aliessia Schadwell MSc, Pere Colls, Ph.D, Elizabeth Cameron M.S, Thomas McWilliams, BS, N-Neka Goodall, NYS CLT, BA, Leoni Xanthopoulou, Ph.D, Evangelia Bakosi, M.SC, Tony Gordon, PhD, Darren Griffin, DSc

Oral Abstract Session:
Preimplantation Genetic Testing 2

10:45AM - 12:15PM on Oct 26

Oral presentations continued

The importance of retrospective data analysis in genetic counselling for preimplantation genetic testing for structural rearrangements (PGT-SR) – Maternal age is more important than rearrangement type

Authors:

Colleen Lynch, BSc MSc PhD, Olivia Whiting BSc MSc, Jennifer Sloan, BSc MSc, Elizabeth Cameron M.S, Leoni Xanthopoulou, Ph.D, Tony Gordon, PhD, Darren Griffin, DSc

Oral Abstract Session:
Preimplantation Genetic Testing 2

10:45AM - 12:15PM on Oct 26

Review of Recombination Events Observed in Preimplantation Genetic Testing for Monogenic Disorders (PGT-M) Over a 2 Year Period

Authors:

Erica Pai BScH, MS, Kristine McWilliams, MS, PhD, Elizabeth Cameron M.S

Oral Abstract Session:
Genetic Counseling

10:45AM - 12:15PM on Oct 26

Symposium

I Found My Donor On Facebook: Considerations for Alternative Models of Sperm Donation

Chair:

Lauren Isley MS, CGC

1:30PM - 2:45PM on Oct 26

Speakers:

Dr. Jaime Shamonki MD, Dr. Lauren Berman PhD, and Nidhi Desai J.D



Scientific activities

Posters

P-665 DNA-Based Ancestry vs Self-Reported Ancestry: A Case for Pan-Ethnic Carrier Screening in Gamete Donor Programs

Authors:

Nataliia Zarytska, B.S, Kara Baldwin, MS, CGC, Pamela Callum, MS, CGC, Kathryn Lockwood, MS

Location: Expo Theater in Expo Hall

Session Title: ASRM Top Poster Lightning Round

2:50PM - 3:20PM on Oct 24

P-659 Evidence of the Need for Increasing Genetic Education and Support for Gamete Donor Recipients: Recommendations for Reproductive Providers

Authors:

Kara Baldwin, MS, CGC and Pamela Callum, MS, CGC

Location: Poster Hall in Expo Hall

Session Title: E-Poster Abstract Session: W22

6:45AM - 7:45AM on Oct 26

P-658 Management of variants of uncertain significance in donors and donor-conceived individuals

Authors:

Kathryn Lockwood, MS, Jennifer Luque, MGC, CGC, Kara Baldwin, MS, CGC, Pamela Callum, MS, CGC

Location: Poster Hall in Expo Hall

Session Title: E-Poster Abstract Session: W22

6:45AM - 7:45AM on Oct 26

PSW-18 Leveraging the Power of the Trio in PGT-A to Assess for Expected Parental Inheritance in Trophoctoderm Biopsy

Authors:

Alexander Griffith, B.S, Michael Large, Ph.D, Joshua Blazek Ph.D

Location: Poster Hall in Expo Hall

Session Title: E-Poster Abstract Session: W18

6:45AM - 7:45AM on Oct 26

Posters continued

PSW-16 Karyomapping as a Universal Approach for PGT-M: Over 14.6 Thousand Cycles, 8.8 Thousand Cases, 4000 Mutations and 900 Disorders

Authors:

Aliessia Schadwell MSc, Pere Colls, Ph.D, Elizabeth Cameron M.S, Thomas McWilliams, BS, N-Neka Goodall, NYS CLT, BA, Leoni Xanthopoulou, Ph.D, Evangelia Bakosi, M.SC, Tony Gordon, PhD, Darren Griffin, DSc

Location: Poster Hall in Expo Hall

Session Title: E-Poster Abstract Session: W22

6:45AM - 7:45AM on Oct 26

PSW-18 Development and Validation of a Preimplantation Genomic Test for Monogenic Disorders using Targeted Next-Generation Sequencing (PGT-MxNGS)

Authors:

Christopher Weier PhD, Kendrick McKissock, B.S, Kavitha Mani, MS, Alexander Griffith, B.S, Michael Large, Ph.D, Joshua Blazek Ph.D

Location: Poster Hall in Expo Hall

Session Title: E-Poster Abstract Session: W18

6:45AM - 7:45AM on Oct 26

PST-12 Evaluation of Potential Factors Involved in Variable Preimplantation Genetic Testing for Aneuploidy (PGT-A) Resulting Rates Between IVF Clinics

Authors:

Kristine McWilliams, MD, PhD, Albulena Zogaj BS, MS, Pere Colls, PhD, Iris Lee, MD, Dara Berger, PhD

Location: Poster Hall in Expo Hall

Session Title: E-Poster Abstract Session: T12

6:45AM - 7:45AM on Oct 26

PSW-07 The Impact of Genetic Counselors in Assisted Reproduction Clinics: A Survey of Practice Managers

Authors:

Jenna Miller MS CGC, Pamela Callum, MS, CGC, Lauren Isley MS, CGC

Location: Poster Hall in Expo Hall

Session Title: E-Poster Abstract Session: W7

6:45AM - 7:45AM on Oct 26

PSW-17 Identification of Maternal Cell Contamination in Embryo Culture Media using Parental Buccal Swabs and Non-Invasive PGT-A

Authors:

Bryan Nikolai Ph.D, Alexander Griffith, B.S, Michael Large, Ph.D, Joshua Blazek Ph.D, Christopher Weier Ph.D

Location: Poster Hall in Expo Hall

Session Title: E-Poster Abstract Session: W17

6:45AM - 7:45AM on Oct 26

Meet our experts

FERTILITY

Meet our fertility experts to discuss future developments within fertility, skill requirements and ideas for collaboration with your clinic.



Inge Errebo Agerholm, PhD

Senior Director, Global Professional Education & Clinical Support, CooperSurgical



Wayne Caswell, MS, CLS(NCA), TS(ABB)

Senior Director for Professional Education and Clinical Support, CooperSurgical



Steve Levett, PhD

Director of Clinical Application, CooperSurgical



Lisa Wagner, MS, TS(ABB)

Clinical Application Scientist, CooperSurgical

GENOMICS

Meet our genomics experts to discuss the future of reproductive genetics, and ideas for collaboration with your clinic.



Tony Gordon, PhD

Senior Director, Clinical Strategy and Market Development, CooperSurgical



David Chrimes, PhD

Director of Global Genomics Business Development, CooperSurgical



Mark Hughes, MD PhD

Pioneer and Global Leader in Reproductive Genetics, CooperSurgical



Jenna Miller, MS CGC

Senior Clinical Science Specialist, CooperSurgical



Kristine McWilliams, MD PhD

Medical Director, Genomics, CooperSurgical



Josh Blazek, PhD

Senior Director R&D, Genomics, CooperSurgical

On-stand demonstrations and expert sessions

We welcome you to join our live demonstrations at our ASRM stand. Not attending ASRM this year? You can also view our demonstrations via YouTube live stream.



Monday

Vitrification Solutions

Our experts will help guide you on how you might improve your vitrification process and how you can avoid common areas of errors. Cryoprotectant exposure and loading technique will be covered.

Speakers:

Wayne Caswell, MS, CLS(NCA), TS(ABB)
Lisa Wagner, MS, TS(ABB)

3:00PM - 3:15PM on Oct 24



Tuesday

Embryo Transfer (ET) Laboratory Perspective

Observe our experts and learn about media choices and loading techniques involved in the Laboratory portions of the ET procedure.

Speakers:

Steve Levett, PhD
Wayne Caswell, MS, CLS(NCA), TS(ABB)

10:15AM - 10:30AM on Oct 25



PGT-Complete: Safeguard your patients and your clinic with Parental DNA

Dr. Peter Klatsky will describe the potential sources of parental meiotic errors – specifically, those associated with sperm. He will also discuss a case study that occurred in his clinic on a concern regarding gamete identity. Finally, he will discuss the importance of comprehensive PGT-A and how it can help safeguard clinics and patients.

Speaker:

Dr. Peter Klatsky,
CEO and Co-founder of Spring Fertility, paid consultant

12:30PM - 12:45PM on Oct 25

Embryo Biopsy Solutions

Observe our experts perform a live trophectoderm (TE) biopsy on animal cells. They will discuss and provide strategies for the common issues faced when performing TE biopsy.

Speakers:

Wayne Caswell, MS, CLS(NCA), TS(ABB)
Lisa Wagner, MS, TS(ABB)

1:00PM - 1:15PM on Oct 25

Embryo Transfer Clinical Perspective

Our experts will discuss strategies and demonstrate techniques involved with catheter handling and methods to perform the proper techniques to help minimize trauma in the transfer of embryos into the uterus.

Speakers:

Steve Levett, PhD
Wayne Caswell, MS, CLS(NCA), TS(ABB)

3:00PM - 3:15PM on Oct 25

Wednesday

Best practice in tubing of biopsied samples

Follow a live demonstration to improve tubing in your laboratory. Our experts will review the most common issues associated with the loading of biopsied samples for transfer to the reference laboratory for analysis.

Speakers:

Lisa Wagner, MS, TS(ABB)
Wayne Caswell, MS, CLS(NCA), TS(ABB)

10:15AM - 10:30AM on Oct 26

SAGE® Vitrification Solutions

The vitrification kit you need

Simple, reliable, flexible



Cooling

Warming

- Cooling kit designed for 8 cases
- Warming kit designed for 4 cases
- Simple protocols

SAGE® Vitrification Kits are designed for embryologists and IVF labs looking for reliable products, consistent outcomes and flexibility.

To learn more about CooperSurgical's vitrification solutions talk to an expert on our stand at ASRM, visit coopersurgical.com or contact your local CooperSurgical representative.



Scan Me

Integrated Culture Solutions

Creating the optimal environment for human embryos



CooperSurgical® offers a broad range of products and services designed to work in harmony with your culture protocol. Along with clinical support from our expert embryology team, we are able to offer a complete culture system –including equipment, consumables and scientific knowledge –to give embryos the optimal environment for development.

To learn more about CooperSurgical's culture media solutions talk to an expert on our stand at ASRM, visit coopersurgical.com or contact your local CooperSurgical representative.



Scan Me

Right embryo, right time, right environment

Choose our most comprehensive and individualized genomic test offerings for your patient

Complete Test Packages

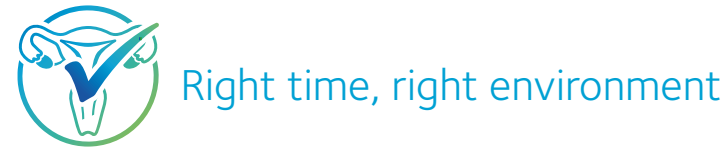


Right embryo

PGT-CompleteSM

Our **4 in 1** genetic test

- 1 PGT-A
- 2 Parental QC
- 3 Genetic PN check
- 4 Origin of Aneuploidy



Right time, right environment

ER-CompleteSM

Our **3 in 1** endometrial test

- 1 Window of implantation (ERPeak[®])
- 2 Dominance of lactobacillus (ERBiome[™])
- 3 Presence or absence of known pathogens (ERBiome[™])



RI Witness IQ[™] Solution

Improved fact-based lab management and clinic proficiency



Intelligent Oversight



Greater transparency



Tailored metrics



Make your data work for you



With the RI Witness IQ[™] Solution, you can take the next step beyond electronic witnessing. The easy-to-use dashboard offers bespoke reports based on real-time lab monitoring, intelligent data collection and analysis. For greater transparency for intra-lab and clinic group comparisons, RI Witness IQ Solution helps transform clinical insights into well-informed decisions for improved fact-based lab management and clinic proficiency.



Core Cryolab™



Specializing in providing cryogenic services including storage, shipping, biorepository design, construction and cryogenic equipment sales.

We operate two of the most safe, secure, and high-quality biorepositories in the world. Our experienced staff, redundant security and robust quality management system ensure that samples are safely stored and maintained. Both our sites are managed and operated in compliance with regulatory and accreditation bodies.

Our experience as an end user of the equipment we sell has given our team a deep understanding of our client's needs. This allows us to ensure they are making informed buying decisions based on their requirements.

Core Cryo-Shipping began as a service to storage clients and over the last decade has grown into one of the largest cryogenic shipping services in North America. From transporting a single vial or straw to an entire lab, Core Cryolab™ has the equipment and experience to support any cryogenic transfer.

For more information, visit us at corecryolab.com



Donor Egg Bank USA



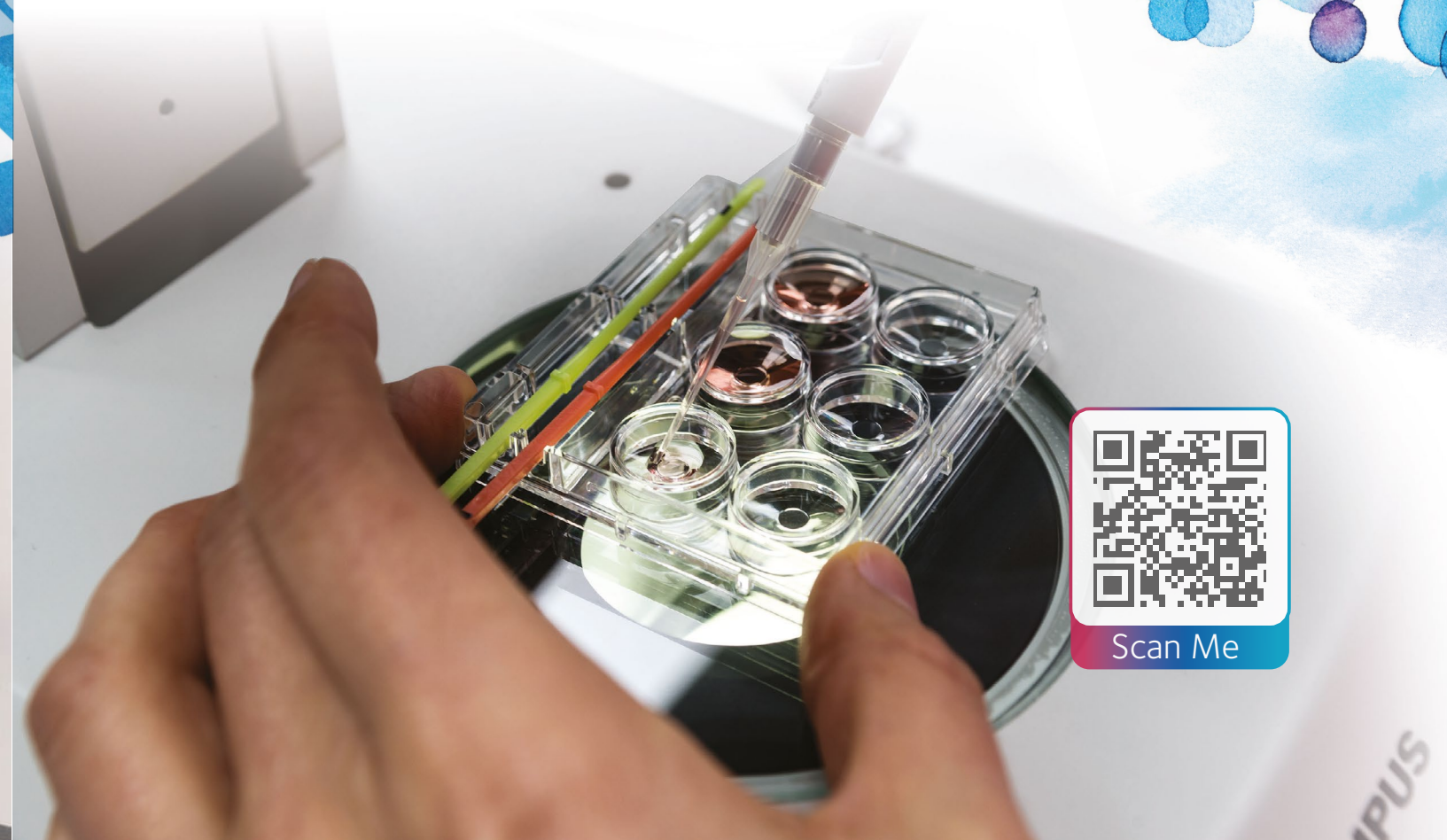
The leader in donor egg vitrification since 2012, Donor Egg Bank USA is the number one choice for patients.

Partnering with more than 300 outstanding fertility practices, with more than 11,000 warmings for patients in the U.S. and internationally, and currently average a 62% clinical pregnancy rate.

Patients can choose from a diverse catalog of around 200 donors. All our egg donors receive extensive genetic, psychological, family history, biological, and infectious disease screening.

Our exclusive Assured Refund Plan® provides a more financially protected path to parenthood with our live birth guarantee: your patients will bring home a baby or receive a 100% refund. And each of our plans includes our blastocyst guarantee.

For more information, visit us at donoreggbankusa.com



California Cryobank®



California Cryobank is a full-service sperm bank that provides a comprehensive resource for frozen donor sperm, andrology and private semen cryopreservation, as well as reproductive tissue storage services. We are extremely proud of our 45 years of reproductive success.

Our services are entirely patient-centric and focused on providing step-by-step support through the donor selection and vial purchase process. Our number-one goal is to make sure your patients have access to a wide variety of highly screened donors and the support they need to help create their families. Our team is composed of physicians, lab technicians, Reproductive Genetics Specialists, cryogenic technicians, and Client Service Consultants, who all play critical roles in creating a one-of-a-kind customer experience for your patients.

While our sperm donor program is the foundation of our organization, we provide a full range of services, including our Sibling Registry.

For more information, visit us at cryobank.com



Scan Me

Embryo Options®



Embryo Options provides a powerful automated solution to improve overall cryopreservation billing management and patient engagement.

Embryo Options is a web-based application providing patients with an on-demand online portal with access to Embryo Options patient support. Offering comprehensive education, disposition forms, resources, and payment options, Embryo Options delivers a complete solution to cryopreservation account management.

Fertility clinics utilizing Embryo Options experience improved collections rates, increased completed disposition forms, detailed reporting, and a partner to navigate the complexities of patient engagement.

Fertility clinics often struggle to maintain patient contact after cryopreservation. As a result, some fertility patients can lose access to important education and resources.

Embryo Options helps to solve this problem by maintaining consistent contact with the patient and providing them with increasing awareness of disposition options during the entire cryopreservation period.

Patients will have access to valuable resources that may help them with their decision-making process. Fertility clinics gain a robust and flexible comprehensive solution to assist with all aspects of patient engagement.

For more information, visit us at embryooptions.com



Scan Me



A solution as unique as your business

At CooperSurgical[®], we partner with you to drive clinical efficiency.

When you partner with CooperSurgical you become part of a truly global network of clinical experts ready to support you with highly specialized solutions, both for individual clinics and across large organizations. By providing you with optimal products, services, and training, our aim is to offer you the best possible support to drive the efficiency of your clinic and achieve the best results.



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Fertility Solutions