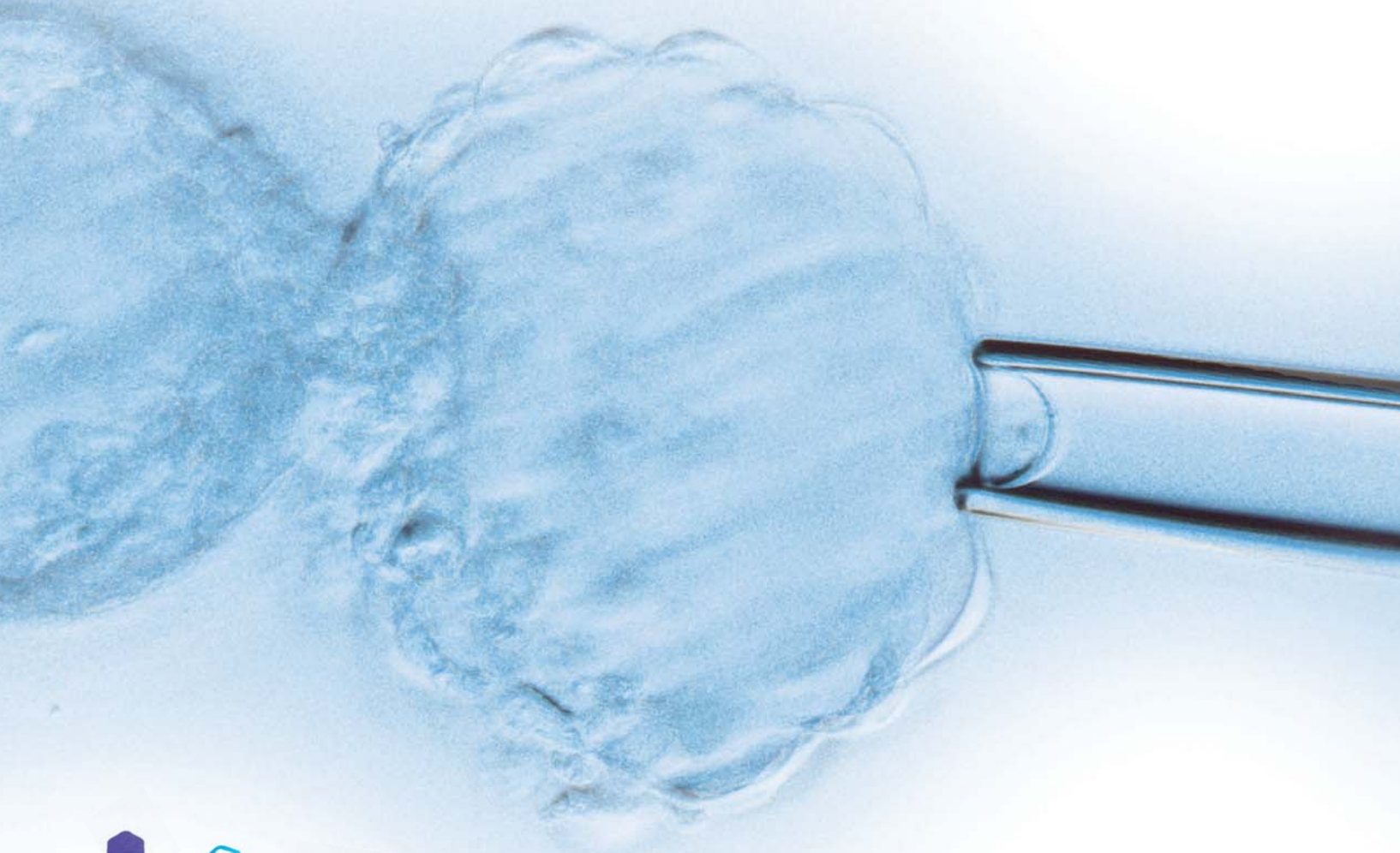


Embryo Biopsy

The solution for efficient and effective biopsy procedures



Full Service PGT Provider

Introducing or improving the PGT program in your laboratory has never been easier.

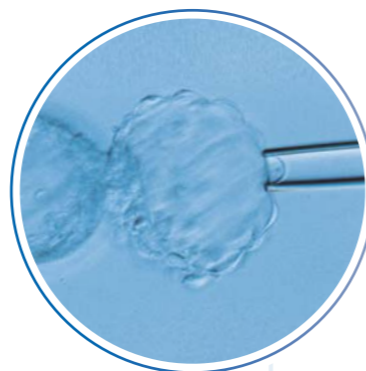
CooperSurgical Fertility Solutions have a full range of products and training programs for your embryo biopsy needs that have been tried, tested and validated by clinics worldwide. With procedures and supplies optimized, it can be easier to incorporate this process into your clinical practice.

Why choose CooperSurgical Fertility Solutions?

We combine our experience of working with embryologists across the globe and our comprehensive product portfolio to simplify embryo biopsy work within your laboratory. This helps increase both the likelihood of success and the ability to achieve more consistent results.

One of the key advantages of choosing to partner with us is the ability to optimize your workflow. Partnering with CooperSurgical Fertility Solutions allows you to:

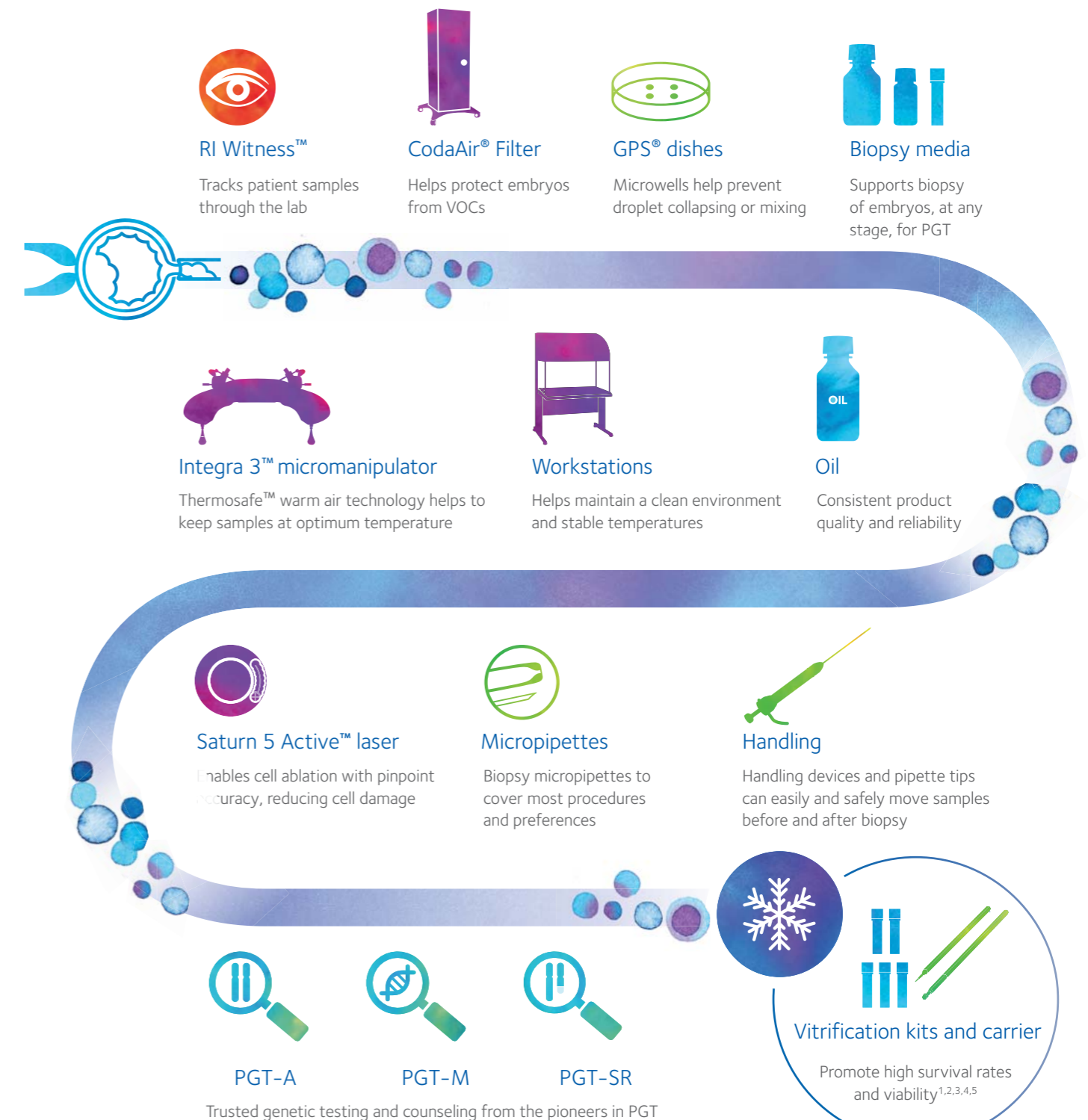
- ✓ Upgrade your skill levels and training with our experienced embryologist team
- ✓ Reduce the time taken to carry out procedures by using intelligently designed products
- ✓ Remove the concerns of compatibility issues between products
- ✓ Individualize your set-up by choosing from an extensive portfolio with products to suit embryologists' needs
- ✓ Trust that the sample is being handled by genetics experts



Integrated solutions

Use the right tools to optimize your procedures

CooperSurgical Fertility Solutions' products work in harmony with one another to cover each embryo biopsy procedure, streamline workflows, and improve results.



Embryo biopsy

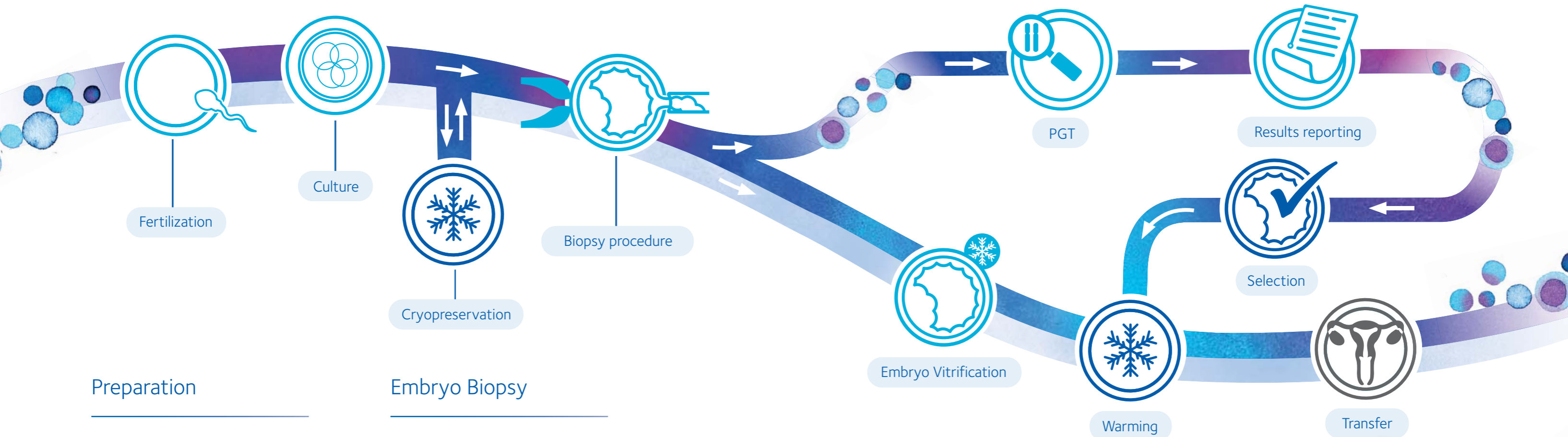
Committed to supporting embryo quality and procedure safety

Every embryology lab is unique and so are the practitioners. We understand the processes, variables and considerations at each stage. Together we can find the ideal solution for you, your lab and team.

Cell Preparation and PGT

Ensure safe transfer of biopsied materials

Use pipettes from the EZ-Range or the Stripper® range for safe transfer of biopsied materials during the cell preparation procedure. The Stripper PGD has an extra small diameter tip specially designed to handle the biopsied material.



Preparation

It is important that the embryo is properly prepared before embryo biopsy, with all extraneous cells removed in order to minimise the risk of contaminating the sample.

The Stripper and EZ-Range offer a comprehensive selection of denudation and handling tips, as well as pipettor handles to offer you both comfort and effectiveness.

We provide Pasteur pipettes, LifeGlobal® dishware, ORIGIO and SAGE® media and oil for dish preparation.

Embryo Biopsy

Our hardware has been uniquely developed to work together so that embryo biopsies can become routine and standardized in your laboratory.

Ergonomically designed, the Integra 3 micromanipulator is comfortable to use and ensures samples are kept at the optimal temperature. High laser power/pulse time ensures the lowest amount of heat reaches the embryo, thereby lowering possible risk of thermal damage.⁶

To complement and ensure successful biopsy procedures, choose the right micropipette best suited to your needs from our extensive range of ORIGIO and TPC micropipettes.

Cryopreservation

If you need to cryopreserve your embryos while awaiting results, we offer a full portfolio of vitrification solutions that are easy to use and ensure high survival rates.^{1,2,3,4,5}

The documented efficiency of SAGE and LifeGlobal Vitrification media, together with the VitriGuard® closed carrier, provides a full solution for effective vitrification.



PGT-A

Preimplantation genetic testing for aneuploidies



PGT-M

Preimplantation genetic testing for monogenic/single gene defects



PGT-SR

Preimplantation genetic testing for chromosomal structural rearrangements

Genetic testing

Improve your IVF outcomes with CooperGenomicsSM preimplantation genetic testing (PGT).

PGT-A is a screening test that has been shown to improve IVF outcomes by reducing miscarriage rates and increasing implantation, ongoing pregnancy, and live birth rates⁷. PGT-A is performed via NGS and analyzed through our revolutionary PGTaiSM 2.0 platform, developed with real-world outcomes for an objective data analysis.

PGT-M is designed to identify single-gene disorders, and reduce the risk of passing on the known genetic condition to the offspring. PGT-M is created uniquely to each family.

PGT-SR (also performed by PGTai) is designed to identify and prevent the transfer of an embryo with an unbalanced chromosome rearrangement.

As pioneers in the field with more than hundreds of thousands of PGT procedures performed, CooperGenomics is dedicated to advancing the field of reproductive genetics, improving outcomes, and empowering families with reproductive choices.

Genetic counseling

Our board-certified genetic counselors support your patients

Discussing genetic testing and its personal impact on a family requires sensitivity and a well thought-out approach.

CooperSurgical's team of board-certified genetic counselors is available to help guide your staff through the testing journey as well as assist in result interpretation and your decision-making process.

Training program

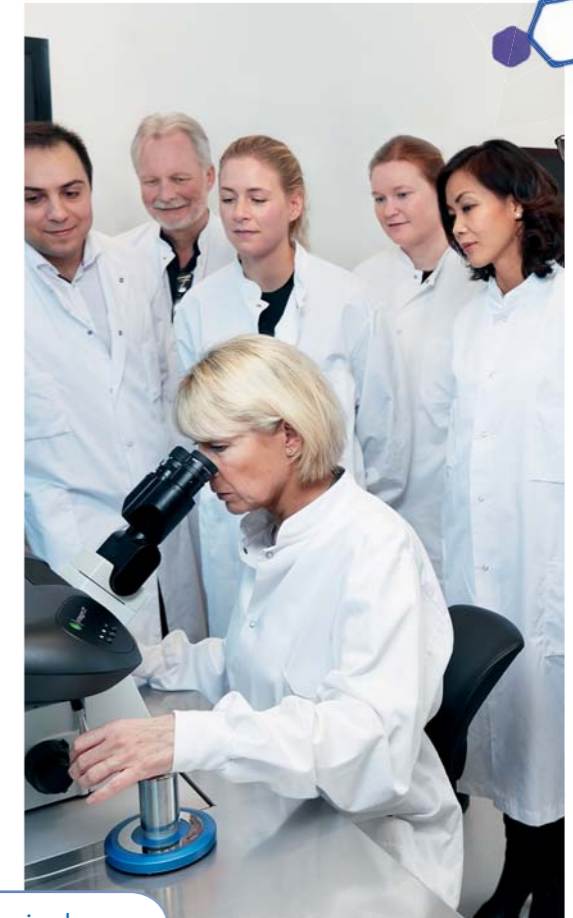
Enhance your knowledge with our global network of training laboratories

We invite customers and partners to learn new techniques and share best practices in our fully equipped Centers of Excellence.

Our global network of training laboratories provide evidence-based training by skilled, experienced embryologists. Sessions include demonstrations and theoretical background together with hands-on learning in a comprehensive range of ART techniques.

By undertaking our biopsy course, you can upgrade your skill levels through comprehensive hands-on training and best practice sharing.

If you and/or your staff could benefit from any level of training, contact us today at training@coopersurgical.com for more information and bookings.



For the full training schedule visit fertility.coopersurgical.com

Equipment service plans



Helping you focus on your core business

Have confidence that our equipment will not let you down with a service plan. We offer a range of contract options to suit your needs including preventative maintenance and service, reliable access to spare parts, product training and online handling of service requests.

Contact your local CooperSurgical representative for more information.

Embryo Biopsy and PGT Product Range

Handling Devices

The Stripper®

The Stripper PGD®

The Stripper Tips® (Individual or Multi Pack)

EZ-Grip®

EZ-Tip® (Individual or Multi Pack)

EZ-Squeeze™

EZ-Strip®

IVF Pasteur Pipettes

Micropipettes

ORIGIO® Biopsy and Holding Pipettes

TPC Biopsy and Holding Pipettes

Media

ORIGIO® SynVtro Hyadase

ORIGIO® ICSI Cumulase

ORIGIO® Handling™

Biopsy Medium

Quinn's Advantage™ medium with HEPES

Acidified Tyrodes Solution

Oil

ORIGIO® Liquid Paraffin

SAGE Oil for Tissue Culture

LifeGlobal LiteGuard Oil

LifeGlobal LiteOil

LifeGlobal Paraffin Oil

Dishes

GPS® Dishware

Micromanipulator

Integra 3™ Micromanipulator

Laser

Saturn 5™ Laser System

Workstations – Class I

K-Systems 100 Series (L124 / L124 ICSI / L126 MP)

ORIGIO® Fortuna

ORIGIO® Titan

Workstations – Class II

K-Systems® L234 CellTouch

K-Systems G603 Work Chamber

ORIGIO® Mars

AIR FILTER

CodaAir®

Genetic Testing

PGTaiSM 2.0

ERPeakSM Endometrial Receptivity Test

PGT-A

PGT-M

PGT-SR

Genetic Counseling

Security & Management

RI Witness™

Cryopreservation

VitriGuard®

SAGE Vitrification Kit with DMSO

SAGE Vitrification Warming Kit

LifeGlobal DMSO Blastocyst vitrification

LifeGlobal DMSO Blastocyst warming

Availability of the product depends on the approval of the product by the local health authorities in your country.

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3. Selman, H., Brusco, G., Fiorini, F., Barnocchi, N., Mariani, M., & El-Danasouri, I. (2009). Vitrification is a highly efficient method to cryopreserve human embryos in in vitro fertilization patients at high risk of developing ovarian hyperstimulation syndrome. *Fertility and Sterility*, 1611–1613.
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7. McCulloh, D. et al. Sept. 2020. Preimplantation genetic testing (PGT) success in the united states (2014–2017): multiple outcome measures indicate superiority of PGT over no PGT. Poster presented at ASRM 2020.

