

PGT-Complete

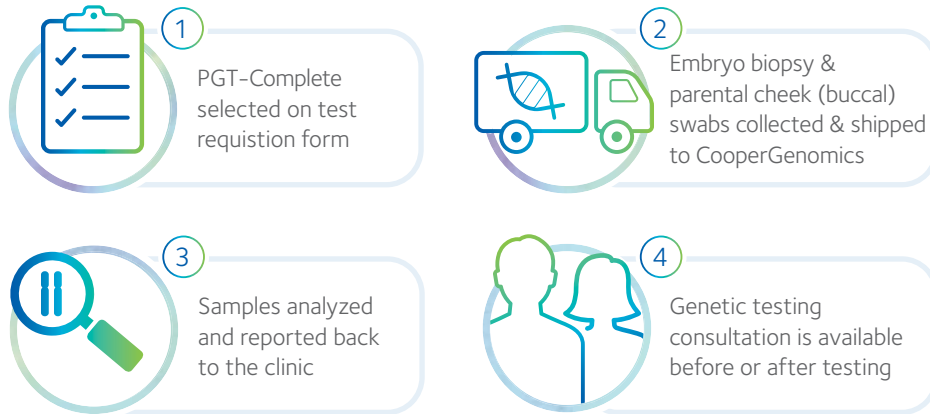
Advancing standards of care



Simple test process

Designed with the patient in mind every step of the way

At CooperSurgical, we recognize that each sample that comes through our laboratory belongs to an individual or family with their own unique story and journey. We take a personalized approach to patient care and clinical service.



PGT-Complete

Our PGT-Complete test takes PGT-A beyond aneuploidy testing, to provide a new standard of care with the most clinically comprehensive insights



PGT-A

All the benefits of our innovative and proprietary AI to improve the chances of IVF success



Parental QC*

Providing patients reassurance that the intended egg and sperm were used, to help reduce parental anxiety of potential mix-ups



Genetic PN check

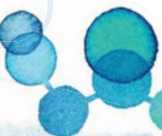
Providing the capability to identify and rescue true 2PN embryos from morphologically identified 0, 1, and 3PN embryos, to confidently enable additional euploid embryo transfers¹



Origin of aneuploidy

Supporting the clinic and patient, by identifying the origin of abnormality, to guide future decisions

1. JBRA Assist Reprod. 2020 Apr-Jun; 24(2): 143-146. Blastocysts Derived From OPN Oocytes: Genetic And Clinical Results
*Availability subject to each country's regulations



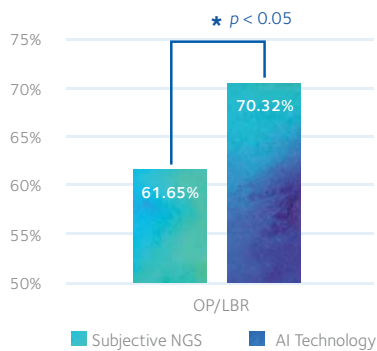
Reassure

You can be reassured your patients are receiving a four-in-one genetic test to guide better transfer decision-making.

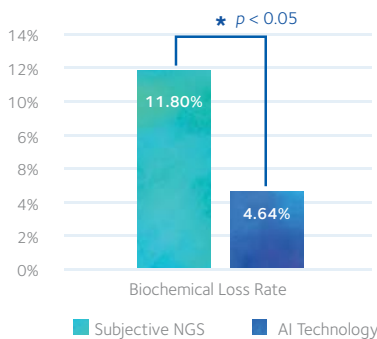
PGT-A

Our unique AI innovation improves the odds of pregnancy and IVF success

The only test using artificial intelligence (AI) based on clinical outcome data, eliminating subjectivity, and improving accuracy. Our PGT-A provides greater confidence in robust and accurate results with two independent analyses (CNV and SNP) to check for abnormalities¹



>13% increase in ongoing pregnancy and live birth rates using our AI platform as compared to subjective methods²



Significant decrease of early loss rates using our AI analysis as compared to subjective methods²

1. CooperGenomics, internal data on file. 2. Buldo-Licciardi J, Large M, McCulloh D, McCaffrey C, Grifo J. Second generation artificial intelligence technology for preimplantation genetic testing (PGT) improves pregnancy outcomes in single thawed euploid embryo transfer cycles (STEET). Presented at American Society for Reproductive Medicine on October 19, 2020. Available at: <https://asrm.confex.com/asrm/2020/meetingapp.cgi/Paper/8645>. Accessed Feb 18, 2022.

Parental QC*

Patients are seeking reassurance of the parentage of their embryos.

Today's IVF patient is more educated, motivated, and involved in their treatment than ever before. Patient concerns about ensuring the parentage of their embryos have been raised due to highly-publicized reports of IVF mix-ups.

The new Parental QC assessment included in the PGT-Complete analysis confirms a match** between the embryo biopsy sample and the provided parental samples. This reduces the anxiety of potential mix-ups for you and your patients.

* Availability subject to each country's regulations

** A match is defined as a genetic analysis that is consistent with a shared inheritance and familial relationship between the parental samples and the embryo biopsy sample



Empower

Genetic PN check

Empowering additional embryo transfers

We understand that visual inspection of correct embryo fertilization is challenging, as

- PN may appear at slightly different times
- PN may be faint or have already faded
- A micro PN may be apparent
- PN may be vertically stacked making identification difficult

Our PGT-Complete test not only confirms correct embryo fertilization, it also enables testing of morphologically identified 0, 1, and 3PN embryos. This empowers your embryology team by allowing more embryos to be tested and therefore considered for transfer.

Arming your teams with the ability to identify and rescue true 2PN embryos, thus enabling additional embryo transfers.¹



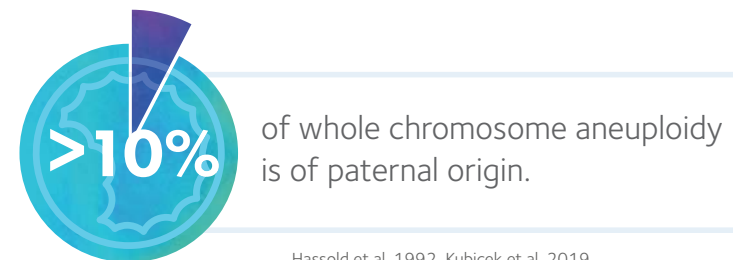
Origin of aneuploidy

Empowering your patients

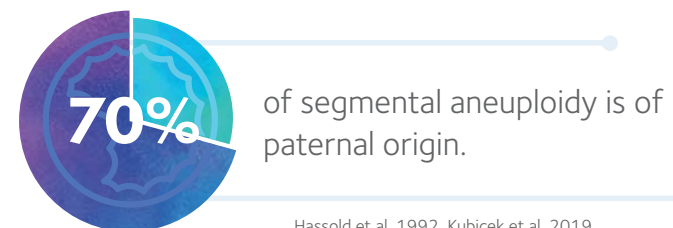
The origin of aneuploidy feature included in our PGT-Complete analysis provides a direct assessment of gametic contribution to embryo aneuploidy, helping your patient make informed donor gamete decisions.



For patients considering donor gametes it is important to understand that not all aneuploidy is maternally derived, as often paternal contribution to aneuploidy can be overlooked.



Hassold et al. 1992, Kubicek et al. 2019



Hassold et al. 1992, Kubicek et al. 2019

1. JBRA Assist Reprod. 2020 Apr-Jun; 24(2): 143-146. Blastocysts Derived From OPN Oocytes: Genetic And Clinical Results

Safeguard

Take a look inside our accredited state-of-the-art laboratory

Testing is performed in our cutting-edge laboratories that always meet the highest global quality standards (including CAP, CLIA, NYSDOH, ISO).

Take a tour of our genomics laboratory

New Jersey, USA



Advancing standards of care

PGT- Complete

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