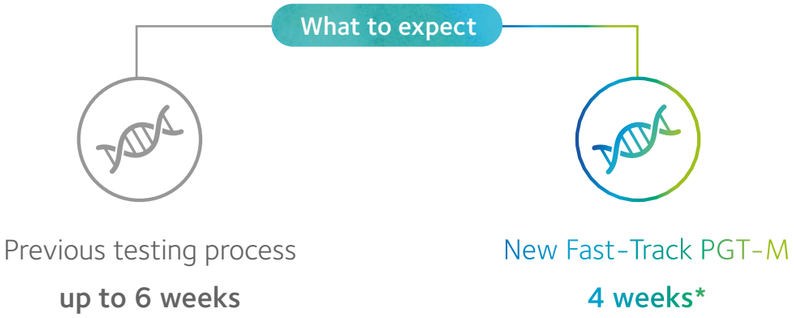
COOPERSURGICAL® FAST-TRACK PGT-M℠ TEST

# Faster overall testing time
# Improved patient experience

CooperSurgical®

# How does the Fast-Track PGT-M℠ test benefit patients?

Leveraging cutting-edge amplification technology has provided a premium Fast-Track PGT-M service.




## Benefits of Fast-Track PGT-M

- ✓ Improved patient experience
- ✓ Could facilitate earlier IVF cycling**
- ✓ Designed to streamline the PGT-M process for clinics and patients

## What makes our PGT-M technology different?


3x more data points[1]

Improve resulting for samples with genetic recombination by 50%[1]


Provides enhanced genome mapping that resolves challenging regions of the chromosome, potentially enabling greater diagnosis rates[1]

1. CooperSurgical Internal Data

*All referred qualifying PGT-M cases will be subject to a 4-week turnaround that is initiated upon completion of case acceptance and receipt of required materials

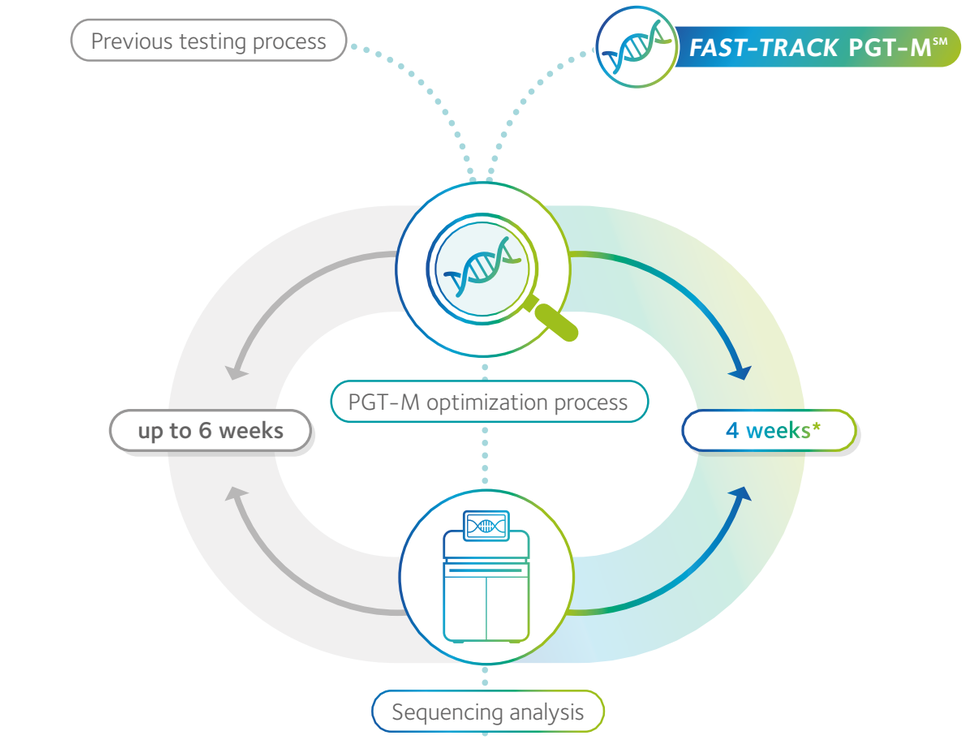
** Following case review and acceptance

2. https://www.bioskryb.com/news/bioskryb-genomics-and-cooper-surgical-ink-multi-year-deal/



# How does CooperSurgical deliver faster results?

CooperSurgical has exclusive access to expertise and technologies that allow us to improve processing times while maintaining the highest quality standards.[2]





Potentially allowing your patient to cycle weeks earlier

# CooperSurgical Genomics – Pioneers in the field of PGT-M

## Did you know?

- We tested over **10,000 samples** to ensure continued accuracy and reliability of the test.[2]
- Our validation showed **100% concordance** with our previous PGT-M process.[2]
- In our history, we have conducted over **10,000** unique PGT-M cases.[2]

Our exclusive technology and processes now enable our team to create your patient's PGT-M test while simultaneously analyzing their embryo samples.

## Common disorders* covered by the Fast-Track PGT-M test

**Please contact CooperSurgical to confirm whether specific disorders can be accepted.**

### Most frequent disorders

- Cystic fibrosis
- Spinal muscular atrophy
- Fragile X syndrome
- Sickle cell anemia
- Hereditary breast and ovarian cancer syndrome (BRCA1/2)
- Huntington's disease
- Autosomal dominant polycystic kidney disease (PKD1/2)
- Myotonic dystrophy[1,2]
- Neurofibromatosis[1,2]
- 21-hydroxylase deficient congenital adrenal hyperplasia
- Hemophilia A
- Familial adenomatous polyposis
- Marfan syndrome

1. Bui, T.M.P., et al. 2022. Preimplantation genetic testing (PGT) for hemophilia A: experience from one center. *Taiwanese Journal of Obstetrics and Gynecology*, 61(6), pp.1009-1014
2. CooperSurgical Internal Data

* These are examples of common disorders that may be available for the Fast-Track service, however, CooperSurgical reserves the right to review cases based upon technical factors related to the specific mutation

3. https://static.bioskryb.com/uploads/PGT_Resolve_DNA_Tech_Note_Ver7_May23_2022_8104f9929c.pdf

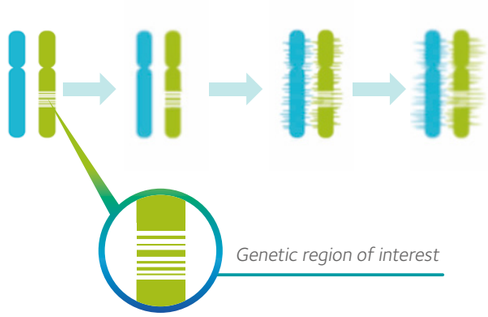


# Our exclusive and revolutionary amplification technology

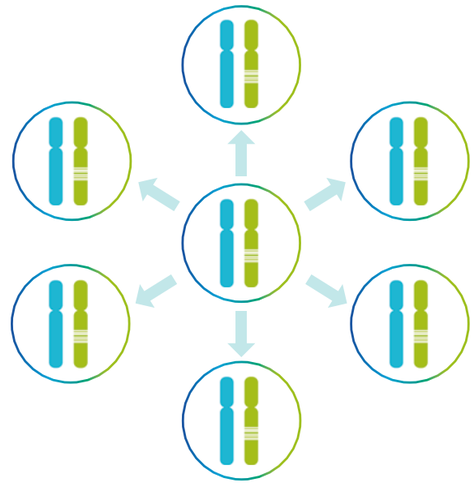
## More precise DNA amplification leads to clearer PGT-M results

When performing PGT-M, we are working with small DNA samples that must be amplified many times. This amplification is arguably the most important part of PGT-M test development. Unlike other amplification techniques, our exclusive method always copies DNA from the original biopsy sample, reducing the propagation of potential errors. This increases confidence in the data that becomes a PGT-M result.[3]

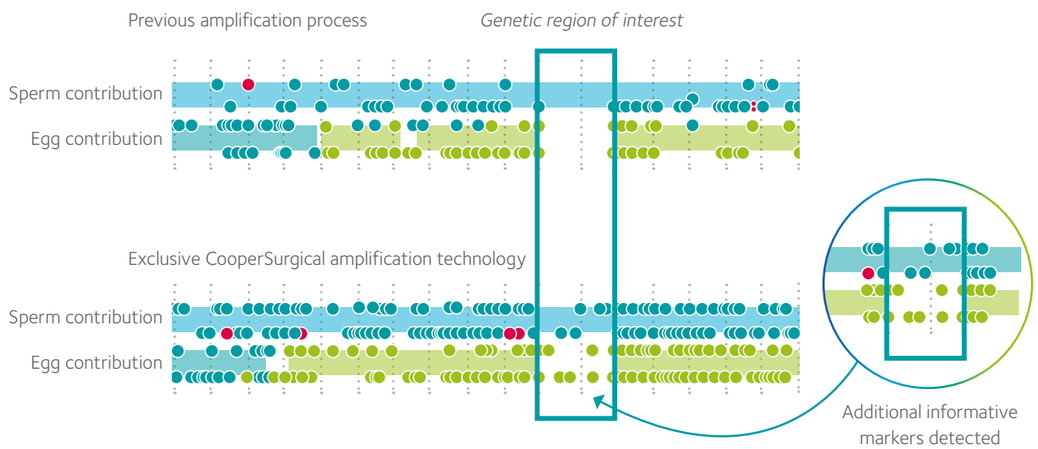
**Previous amplification process**




**Exclusive CooperSurgical amplification**



## Examples of PGT-M results



# FAST-TRACK PGT-M℠ Testing Process

### 1 PGT-M Referral Receipt and Processing

Customer Support (CS) receives PGT-M referral (completed test requisition form, genetics test reports and family history form; e.g., via the genomics portal) and our genetic counseling team is assigned the case for review.

***Up to 2 business days***

### 2 PGT-M Case Review

Our genetic counseling team carefully reviews the PGT-M test order, provided genetic testing reports, and the submitted family history information.

***Up to 3 business days***

### 3 Genetic Counseling Consultation

Clinic dependent. Patients moving forward with PGT-M are invited to schedule an appointment to speak with one of our genetic counsellors about PGT-M and their specific case.

***On scheduled date***

### 4 Case Acceptance

A letter summarizing the plan for the case and any special requirements is sent to the clinic. This communication indicates whether biopsied embryo samples may be submitted. At this stage, patients are also sent consents to sign and return.

***Up to 5 business days***

### 5 DNA Collection

DNA collection kits are sent to the family and designated family members, after all case requirements have been completed.

***Clinic and patient dependent***

### 6 Biopsy Samples Submitted

Clinic initiates IVF cycle start according to its protocols and availability. Biopsied embryo samples are submitted to the CooperSurgical genomics laboratory.

***Clinic dependent***

### 7 PGT-M Test Optimization and Result Reporting

Initial PGT-M test optimization, sample testing, and results reporting take 4 weeks* for the first group of samples. Subsequent cycles yield PGT-M results within 14 calendar days.

***Dependent on receipt of samples***

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# Our Promise

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.

### Our teams are second to none

The CooperSurgical team **cares** about our patients and clients.

Our laboratory team is **passionate** about ensuring the best outcomes.

The logistics team knows the true **value** of patient samples.

Our genetic counseling team is **dedicated** to updating and educating.

"Everyone within the lab team is committed to quality and to CooperSurgical's mission for helping women, babies and families around the world. Everyone treats each and every sample with the uttermost care and attention. We are patient centric and always strive to provide results in a timely manner without compromising the quality of our examinations."

**Leoni Xanthopoulou**
**Senior Laboratory Director EMEA/APAC**

"We provide an outstanding customer support service that is totally focussed on providing the highest possible levels of customer care. The patient is at the centre of everything we do, and we ensure that families and clinics alike understand that their requirements are handled with complete attentiveness from beginning to end."

**Edward Heard**
**Customer Support Manager, Genomics**

### Did you know?

Our PGT testing is based on a legacy of innovation and a team of experts, including PGT pioneers Dr. Mark Hughes and Dr. Santi Munné, the founders of PGT-M and PGT-A/PGT-SR respectively.

## Contact us


**Tel:**
+44 (0) 800 060 8395

**Questions Email:**
GenomicsSupport@coopersurgical.com

**Shipping Email:**
GenomicsSupport@coopersurgical.com

**Billing Email:**
GenomicsInvoicing@coopersurgical.com


## Have you heard about our genetic testing portfolio?

### PGT-A via PGTai℠ Test
Artificial Intelligence Platform

- Class-leading genomic coverage and resolution
- AI trained with live birth embryo data
- Reduces human subjectivity
- Reduces the risk of transcription errors
- ↑euploid %, ↓aneuploid % and ↓mosaics %

+

### *FAST-TRACK* PGT-M℠ Test

- **4 week*** turnaround time vs up to **6 weeks** with previous technologies
- Improved patient experience
- Could facilitate earlier IVF cycling**
- Designed to streamline the PGT-M process for clinic and patients

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**Following case review and acceptance

Check out our PGT-A Clinicians' Reference Tool



Order No. GEN_BRO_0012_ROW_US_V3 • October 25, 2024. All information correct at time of print.
Specifications are subject to change without notice or obligation on the part of the manufacturer.