Panorama provides more comprehensive screening for twin pregnancies

Only Panorama determines:

- Zygosity
- Individual fetal fractions for dizygotic twins
- Fetal sex for each twin
- Likelihood of sex chromosome abnormalities for monozygotic twins

Panorama screens for trisomies 21, 18, and 13 in twin pregnancies with a combined sensitivity of >99% and specificity of >99.9% as early as 9 weeks.¹

Panorama helps clinicians identify the higher likelihood of conditions that affect more than 1 in 45 twin pregnancies²⁻¹²

₀  1/40  1/50  1/67  1/100  1/200
TTTS²⁻⁷  T21⁶,⁹  T18¹⁰,¹¹*  T13¹⁰,¹²*

*Calculated incidence value

Panorama identifies monozygotic twins with >99.9% sensitivity and specificity as early as 9 weeks.¹

Monozygotic twins can be at a higher likelihood of pregnancy complications including intrauterine growth restriction, birth defects, and twin-twin transfusion syndrome (TTTS)²⁻⁷

Conditions screened in twin, egg donor, and surrogate pregnancies:

- Trisomy 21
- Trisomy 18
- Trisomy 13
- Sex chromosome abnormalities*
- 22q11.2 deletion syndrome (optional)*

* Available for monozygotic twins only
Panorama helps clinicians triage twin pregnancies effectively² –⁷

While chorionicity can be reliably detected early in a pregnancy, studies have shown that up to 19% of monochorionic pregnancies are incorrectly classified as dichorionic.⁴

Panorama allows clinicians to align their ultrasound findings with an early and accurate zygosity determination. Identifying a monozygotic twin pregnancy with Panorama can prompt earlier, targeted ultrasound assessments for chorionicity and associated complications. Knowing that a twin pregnancy is dizygotic reduces concerns about TTTS.

**References**