

# Panorama provides more comprehensive screening for twin pregnancies

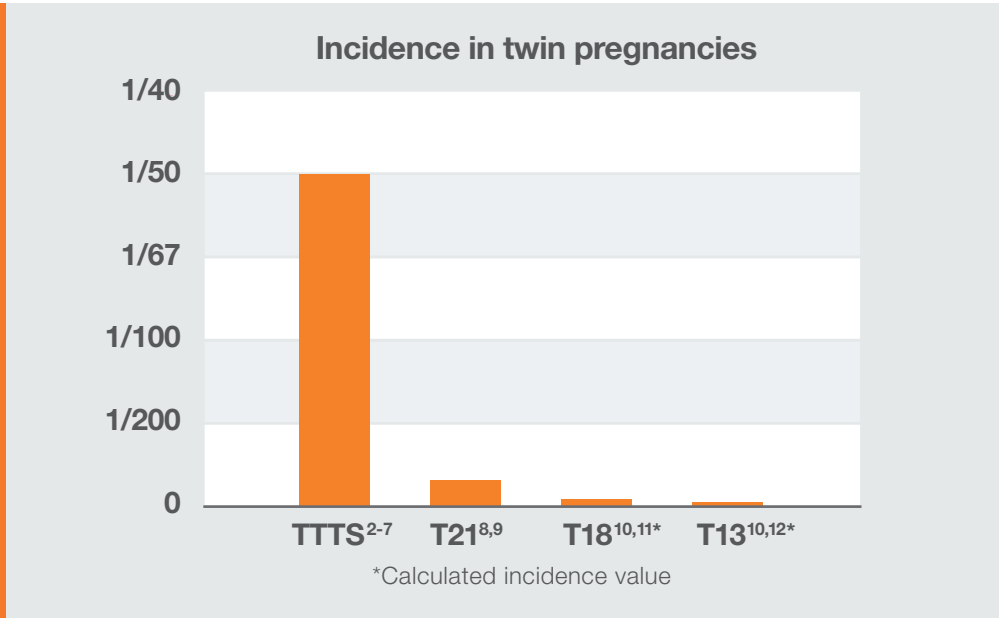
## Only Panorama determines:

- ✓ 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 with a combined sensitivity of >99% and specificity of >99.9% in twin pregnancies as early as 9 weeks.<sup>1</sup>

Panorama helps clinicians identify the higher likelihood of conditions that affect more than

**1 in 45**  
twin pregnancies<sup>2-12</sup>



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

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

## Panorama screens for:

- Trisomy 21
- Trisomy 18
- Trisomy 13
- Sex chromosome abnormalities\*
- 22q11.2 deletion syndrome\*

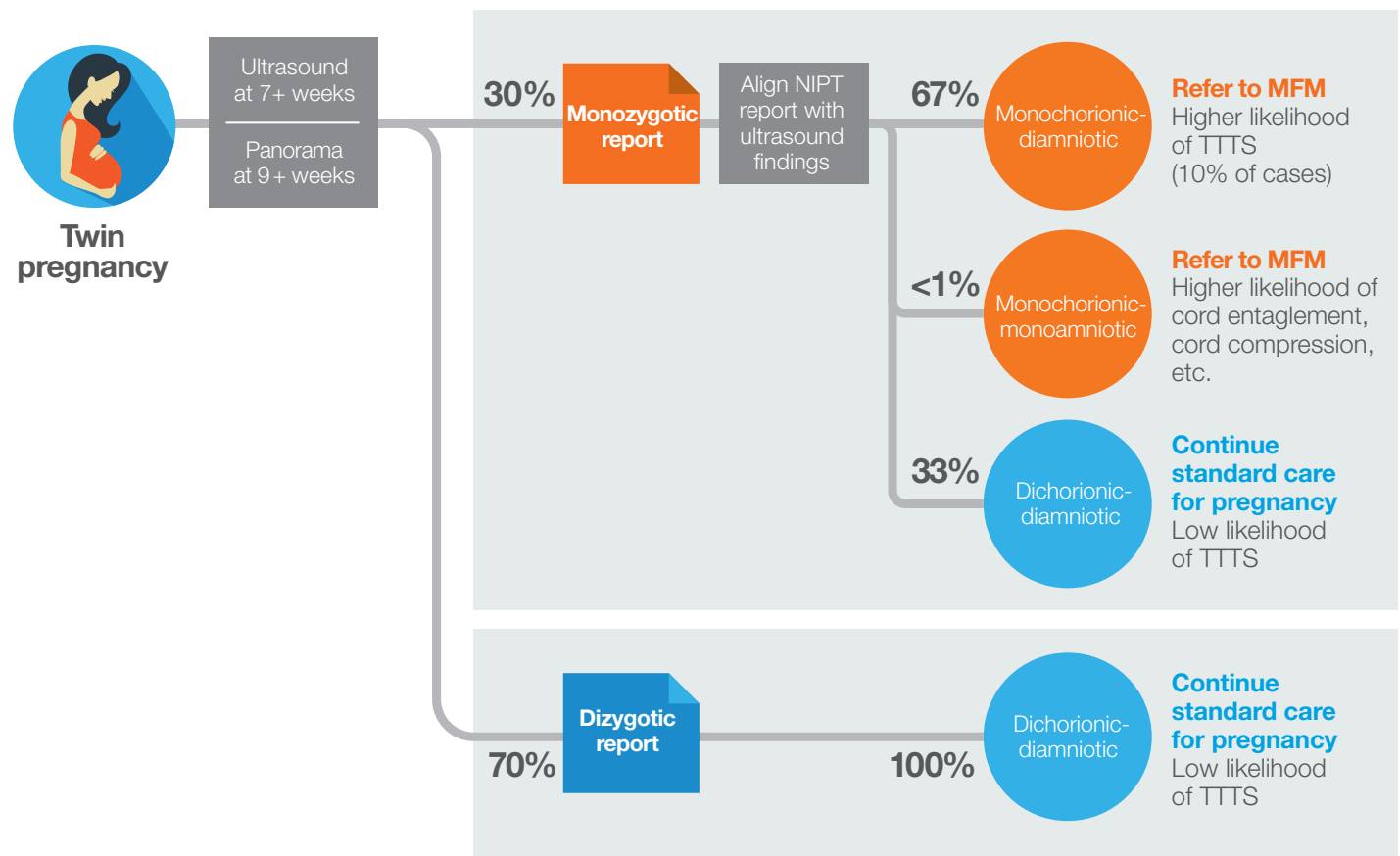
\* Available for monozygotic twins only

## Panorama helps clinicians triage twin pregnancies effectively<sup>2-7</sup>

While chorionicity can be reliably detected early in pregnancy, studies have shown that up to 19% of monozygotic pregnancies are incorrectly classified as dichorionic.<sup>4</sup>

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

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- <http://ghr.nlm.nih.gov/condition/trisomy-13>