



THE CALIFORNIA PRENATAL SCREENING PROGRAM

WHAT IS SERUM INTEGRATED SCREENING?

Serum integrated screening is a non-invasive test that provides a pregnant woman with information about her risk of having a child with Down syndrome (trisomy 21), Edward syndrome (trisomy 18), Smith-Lemli-Opitz syndrome (a metabolic defect of cholesterol metabolism) and spina bifida (open neural tube defect).

HOW IS THE CALIFORNIA PRENATAL SCREENING TEST PERFORMED?

There are two components to the California Prenatal Screening Program. The first component (performed between 11-14 weeks) combines an early ultrasound measurement of the fetal neck (the nuchal translucency) with a maternal blood test. These two tests will provide a preliminary risk assessment that a woman's pregnancy is affected with Down Syndrome or Edward Syndrome.

The second component (performed between 15-20 weeks) involves a second trimester maternal blood test. This test results in the final risk assessment for not only Down Syndrome and Edward Syndrome but also for Smith Lemli Opitz Syndrome and spina bifida.

HOW ACCURATE IS THE CALIFORNIA PRENATAL SCREENING TEST?

If the first and second components of the screening test are performed – the screening test is approximately 90 sensitive with a 5% false positive rate for Down Syndrome. That means that approximately 90 of 100 affected pregnancies will be identified as "at risk" while 5% of normal pregnancies will be identified as at risk when they are not. The detection rates for trisomy 18, Smith Lemli Opitz and spina bifida are lower than the detection rate for Down Syndrome.

WHAT IF I SCREEN POSITIVE FOR AN ABNORMALITY?

You will be contacted with your results and offered an appointment with our genetic counselor to discuss your results and options for additional screening or diagnostic testing such as chorionic villus sampling or amniocentesis. It is important to understand that a "screen positive" result does not diagnose an abnormality. Rather, it means you are at an increased risk for an abnormality and you should be informed about the risks and options for additional diagnostic testing.

WHAT IS THE DIFFERENCE BETWEEN A SCREENING TEST AND A DIAGNOSTIC TEST SUCH AS AN AMNIOCENTESIS OR CVS?

A screening test, such as the California Prenatal Screening Program will tell you the probability your pregnancy is affected with one of several birth defects while a diagnostic test such as an amniocentesis or chorionic villus sampling will tell you with nearly 100 percent accuracy whether your pregnancy is affected with a chromosome disorder.



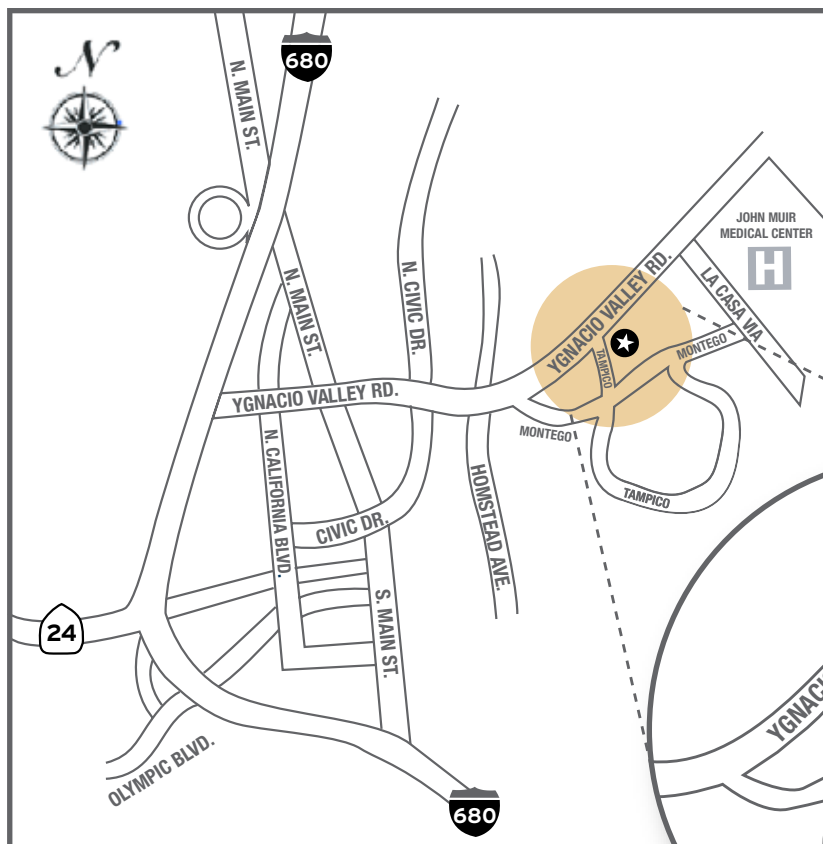
Diablo Valley Perinatal Associates

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DIRECTIONS



**110 TAMPICO DRIVE
SUITE 100
WALNUT CREEK, CA 94598**

FREE Parking available.

FROM THE SOUTH BAY

Follow I-680 North to Walnut Creek.
Take the Ygnacio Valley Rd exit.
Turn right onto Ygnacio Valley Rd.
Turn right onto Tampico.
Turn left into first driveway.

FROM THE WEST

Follow CA-24 East through the Caldecott Tunnel.
Keep left, follow signs for I-680 N/Sacramento/Concord
Take Ygnacio Valley Rd exit.
Turn right onto Ygnacio Valley Rd.
Turn right onto Tampico.
Turn left into first driveway.

FROM THE NORTH BAY

From Interstate 80, merge onto I-680 South.
Exit N. Main Street (southbound) in Walnut Creek.
Turn left onto Ygnacio Valley Rd.
Turn right onto Tampico.
Turn left into first driveway.



**DIABLO VALLEY
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