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During the second-trimester scan it is possible to observe a wide variety of sonographic markers associated with chromosomal abnormalities, especially **Down syndrome**. The consensus is that the detection rate for trisomy 21 during the second trimester of pregnancy is about 60–90% for a false-positive rate of 4–20% 1, 2 .

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Author: M. Parra-Cordero, L. Quiroz, G. Rencoret...

Publish Year: 2007

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<https://pubmed.ncbi.nlm.nih.gov/12709282>

Ultrasound screening of **Down's syndrome** by means of nuchal translucency (NT) measurements at 10-14 weeks is associated with a lower false-positive rate than mid-trimester serum **screening**. The lowest false-positive rates reported in singleton pregnancies are observed when serum and nuchal translucency **screening** are combined at 10-14 weeks.

### [Testing for Down Syndrome During Pregnancy](#)

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During the second-trimester scan it is possible to observe a wide variety of sonographic markers associated with chromosomal abnormalities, especially Down syndrome. The consensus is that the detection rate for trisomy 21 during the second trimester of pregnancy is about 60–90% for a false-positive rate of 4–20% [1, 2].

Cited by: 13 Author: M. Parra-Cordero, L. Quiroz, G. Rencoret, D...  
Publish Year: 2007

**Patient education: Should I have a screening test for Down ...**<https://www.uptodate.com/contents/6736>

Second-trimester serum screening is typically done at 15 to 18 weeks of pregnancy. The test only requires a sample of your blood. The test only requires a sample of your blood. Integrated serum screening combines results from tests done during the first and second trimesters.

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## Screening for Down syndrome - PubMed

<https://pubmed.ncbi.nlm.nih.gov/25083892>

Screening for Down Syndrome was initially only related to maternal age and has successively developed by introducing biochemical markers and algorithms to estimate the risk for particularly trisomy 21 and 18. We now have a long experience of screening with four biochemical markers, alpha-fetoprotein ...

Cited by: 12

Author: Kevin Spencer

Publish Year: 2014

## Screening for trisomy 21 during the routine second ...

<https://obgyn.onlinelibrary.wiley.com/doi/full/10.1002/uog.5178>

During the second-trimester scan it is possible to observe a wide variety of sonographic markers associated with chromosomal abnormalities, especially Down syndrome. The consensus is that the detection rate for trisomy 21 during the second trimester of pregnancy is about 60–90% for a false-positive rate of 4–20% 1, 2. However, the limitation of these studies is that they were performed ...

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Author: M. Parra-Cordero, L. Quiroz, G. Rencoret...

Publish Year: 2007

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## Application of iot medical image detection and prenatal ...

<https://www.sciencedirect.com/science/article/pii/S0141933120308516>

Combines the focus of trisomy 18, followed by these steps to obtain Down's syndrome risk estimates, depending on now, trisomy 1, 2, 85% to 95% for Down syndrome and up 88. It can detect percentage speeds from to 96. Whether screening is done in the first trimester of pregnancy or in the second