

Maternal blood test is effective for Down syndrome screening in twin pregnancies

June 5 2019

Cell-free DNA (cfDNA) testing, which involves analyzing fetal DNA in a maternal blood sample, is a non-invasiveness and highly accurate test for Down syndrome in singleton pregnancies, but its effectiveness in twin pregnancies has been unclear. A new analysis published in *Ultrasound in Obstetrics & Gynecology* reveals that cfDNA testing for Down syndrome in twins is just as effective as in singletons, with a detection rate of 98% and only a 0.05% rate of misdiagnosis.

The analysis combined information from a dataset of 997 twin pregnancies in addition to results from seven previously published studies.

In many countries, including the United States, cfDNA testing is not recommended for use in [twin pregnancies](#). These latest findings provide compelling evidence that mothers carrying twins should not be denied this safe and effective test.

More information: *Ultrasound in Obstetrics & Gynecology*, [DOI: 10.1002/uog.20284](#)

Provided by Wiley

Citation: Maternal blood test is effective for Down syndrome screening in twin pregnancies (2019, June 5) retrieved 22 June 2024 from <https://medicalxpress.com/news/2019-06-maternal->

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