



CPAL

Central Pennsylvania Alliance
Laboratory

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Twin Correction for Prenatal NTD and Down Syndrome Risks

At the request of several of our clients, CPAL will provide a correction to the calculation of MoMs and risks for NTD and Down Syndrome in twin pregnancies. The correction to calculate pseudo-singleton MoMs was obtained from investigations published by Scarborough Foundation for Blood Research (SFBR) in Prenatal Diagnosis 1996;16:29-34. The correction for MoMs is made by dividing the day-specific MoM by the respective medians reported for twin pregnancies. The twin medians were 2.02, 1.66, and 1.92 for AFP, unconjugated estriol and hCG, respectively.

To be consistent with the reporting methods employed by SFBR, the report will contain uncorrected MoM values for AFP, hCG and unconjugated estriol while the interpretations will be based upon the corrected MoMs and will contain a statement as to whether or not the pregnancy was screen-positive, based on the calculated "pseudo-risk".

Twins calculations will be available at CPAL on April 1, 2000.

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For question about this, and other, information, call Central Pennsylvania Laboratory at 1-888-480-1422