Quad Screening

University of North Carolina at Chapel Hill
Department of OB/GYN
Partner Clinic Information

Quad Screen
15 to 22-6/7 weeks

Screens for:
- Neural tube defects/open spina bifida (80% detection rate)
- Down syndrome (60% detection rate)
- Trisomy 18 (60% detection rate)
- Smith-Lemli-Opitz syndrome (unknown detection rate)

* Detection rates and algorithm effectiveness are dependent upon the accuracy of gestational age.

Screen positive for Down syndrome: Recalculation should be considered if the gestational age by BPD or composite GA (whichever is larger) changes by 10 days or more.

Screen positive for trisomy 18 or Smith-Lemli-Opitz syndrome: Recalculation based on inaccurate dating is generally NOT RECOMMENDED unless the gestational age changes by greater than 4 weeks.
References


Revised September 29, 2010.

Notification to Users

These algorithms are designed to assist the primary care provider in the clinical management of a variety of problems that occur during pregnancy. They should not be interpreted as a standard of care, but instead represent guidelines for management. Variation in practices should take into account such factors as characteristics of the individual patient, health resources, and regional experience with diagnostic and therapeutic modalities.

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