



Soft Marker	Aneuploidy Evaluation	Antenatal Management	Follow-up Imaging
Echogenic intracardiac focus	<ul style="list-style-type: none"> • cfDNA or quad screen negative: none • No previous screening: counseling for noninvasive testing for aneuploidy 	Routine care	N/A
Echogenic bowel	<ul style="list-style-type: none"> • cfDNA or quad screen negative: none • No previous screening: counseling for noninvasive testing for aneuploidy 	Evaluation for cystic fibrosis, congenital viral infection, intra-amniotic bleeding	Third-trimester ultrasound examination for reassessment and evaluation of growth
Choroid plexus cyst	<ul style="list-style-type: none"> • cfDNA or quad screen negative: none • No previous screening: counseling for noninvasive testing for aneuploidy 	Routine care	N/A
Single umbilical artery	cfDNA or quad screen negative or no previous screening: none	Consideration for weekly antenatal surveillance beginning at 36 0/7 week of gestation	Third-trimester ultrasound examination for evaluation of growth
Urinary tract dilation	<ul style="list-style-type: none"> • cfDNA or quad screen negative: none • No previous screening: counseling for noninvasive testing for aneuploidy 	Evaluation for persistence, with frequency of evaluation dependent on initial findings	Third-trimester ultrasound examination to determine whether postnatal pediatric urology or nephrology follow-up is needed
Shortened humerus, femur, or both	<ul style="list-style-type: none"> • cfDNA or quad screen negative: none • No previous screening: counseling for noninvasive testing for aneuploidy 	Evaluation for skeletal dysplasias	Third-trimester ultrasound examination for reassessment and evaluation of growth
Thickened nuchal fold	<ul style="list-style-type: none"> • cfDNA negative: none • Quad screen negative: counseling for no further testing vs noninvasive vs invasive testing for aneuploidy • No previous screening: counseling for noninvasive vs invasive testing for aneuploidy 	Routine care	N/A
Absent or hypoplastic nasal bone	<ul style="list-style-type: none"> • cfDNA negative: none • Quad screen negative: counseling for no further testing vs noninvasive vs invasive testing for aneuploidy • No previous screening: counseling for noninvasive vs invasive testing for aneuploidy 	Routine care	N/A

Abbreviations

- cfDNA: cell-free DNA – order in RAVEN as MatemiT21
- CF: cystic fibrosis
- Quad screen: order in RAVEN as AFP Maternal (Quad Screen)

Contact

MFM: Send referral through RAVEN via “Refer to Obstetrics External – Perinatology.”
For non-beneficiaries, place this order AND send a message to Women’s Health Case Manager to ensure it is sent to the correct place.

Source

Society for Maternal-Fetal Medicine. SMFM Consult Series #57: Evaluation and management of isolated soft ultrasound markers for aneuploidy in the second trimester. Am J Obstet Gynecol 2021.

This guideline is designed for the general use of most patients but may need to be adapted to meet the special needs of a specific patient as determined by the medical practitioner.

Approved by Clinical Guideline Committee 3/24/23.

Click [here](#) to see the supplemental resources for this guideline.

If comments about this guideline, please contact Someone@ykhc.org.