Work up of Non-Immune Hydrops Fetalis (NIHF)
Adapted from SMFM Clinical Guideline, 2015

Ultrasound including fetal echocardiogram and MCA Dopplers; type and screen; MCV*; KB

Fetal anemia

NO

Amniocentesis

Send for:
- Karyotype and/or microarray;
- +/-PCR for CMV, toxoplasmosis, parvovirus

If karyotype and/or microarray are non-diagnostic, consider:
- RASopathy panel
- Other targeted testing if high clinical suspicion
- Exome sequencing

YES

Amniocentesis or fetal blood sample if IUT

Send for:
- Karyotype and/or microarray;
- PCR for CMV, toxoplasmosis, parvovirus

If evaluations are non-diagnostic, consider:
- Targeted testing for hereditary anemias if clinical suspicion
- Exome sequencing

* Low MCV: test for alpha thalassemia

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