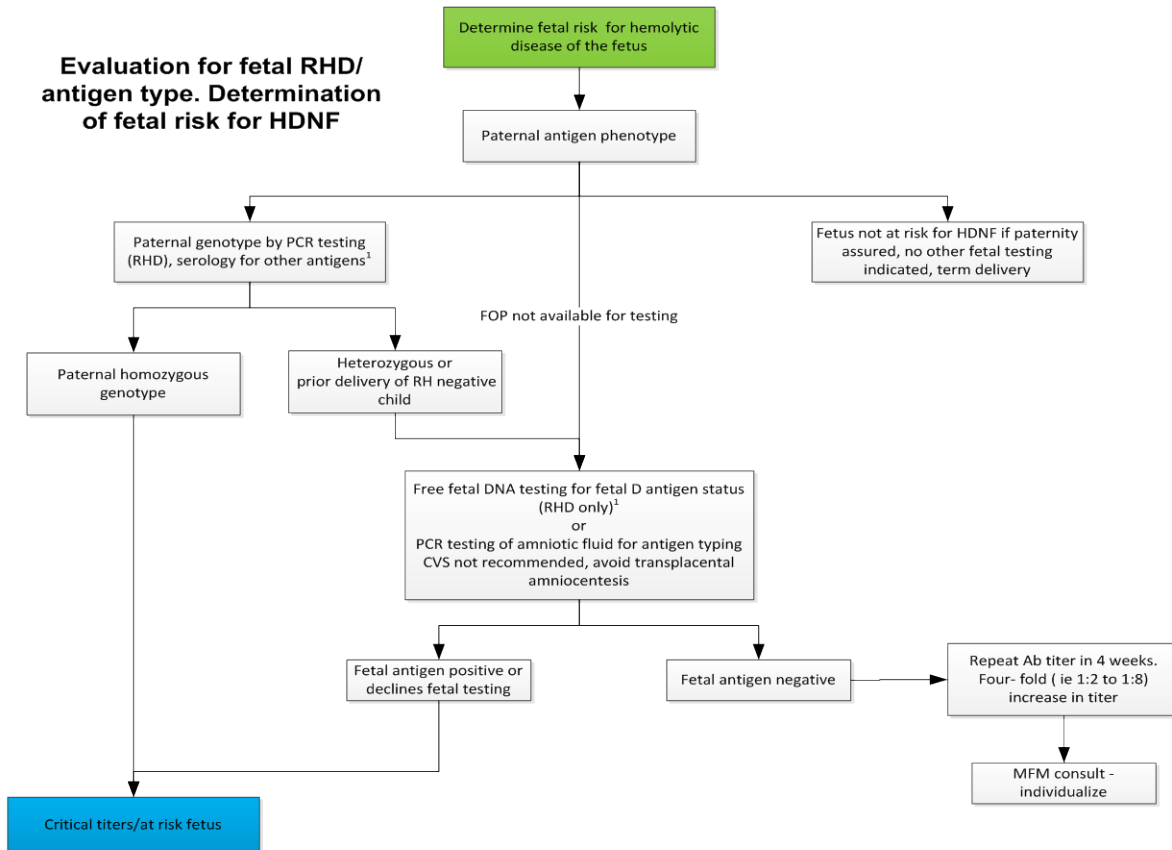


**Evaluation for fetal RHD/
antigen type. Determination
of fetal risk for HDNF**



Free fetal DNA typing (currently for D antigen only)

Sensitivity: 99.3% at 10 weeks EGA; 99.9-100% at 22 weeks
 Specificity: 96.8%
 False positive or inconclusive for D antigen (D negative fetus): 1.7%
 False negative (D positive fetus): 0.087%

Lab: www.sequenomcmm.com
 Cost ~\$1300

Fetal DNA typing by amniocentesis:

Sensitivity: 98.7%
 Specificity: 100%
 PPV: 100%
 NPV: 96.9%

To order cell free DNA for RHD genotype (send only Monday-Thursday)

- Complete Sequenom form (www.sequenomcmm.com), patient signs consent, please include maternal and paternal blood types
- Draw 3 ppt tubes, spin down, contact UNC referral testing: 966-2362
- Send to UNC referral testing – complete lab order form: in other order 'maternal serum for free fetal DNA for D typing – send out to Sequenom.' In A2K, order 'referral lab test, other,' and type 'fetal RHD genotyping' in the 'comment' field
- Place Sequenom, UNC form and copy of maternal insurance card with sample
- Sequenom bills the insurance

Revised February 2014

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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