

RH Incompatibility

affects 15% all pregnancies

Rh - mom and Rh + dad

second pregnancy

due to placenta previa, placenta abruptio

Definition

Rh incompatibility rh - mom and Rh + dad

counseling; blood grouping; match blood; Rhogam

Rh Sensitization mom autoimmunity destroy Rh- baby's RBC

measure antibody; ultrasound; refer; amniocentesis of bilirubin

Pathophysiology

mom & baby blood mix > mom antibodies form > antibodies attack RBC of baby

Hydrops Fetalis

organs filled with fluid

increase bilirubin

major ABO incompatibility

Assessment thick placenta; edema; increase amniotic fluid at lungs, heart, abdomen

Diagnostic Test

Mom CBC, blood type, Kleinhauer-Betke test, indirect Coomb's test

Baby CBC, Direct Coomb's test, bilirubin test

management

Intrauterine Fetal Blood Transfusion replaces RBC

Phototherapy treat jaundice, prevent hyperbilirubinemia

uses 425-475 nm wavelength (460-490;blue-green)

treats skin jaundice

cover eyes, genitals, change position every 2 hours, VS, breastfeed

Rhogam IgG D; IM; 72h after birth; 28w AOG; 300mcg/15ml RBC Rh-

after delivery

Monitor contraction, FHT, blood test, Rhogam



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