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 biliriubin

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;blu-egreen)
	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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