Management Rhesus Negative Mother

**Non-sensitized mother**
- No potentially sensitizing events
- Threatened miscarriage before 12 weeks

**1ST TRIMESTER**
- Identification of Rh-negative mother
- No potentially sensitizing events
- Threatened miscarriage before 12 weeks

**2ND TRIMESTER**
- Early pregnancy complications
  - Suspected termination
  - Ectopic pregnancy
  - Spontaneous miscarriage
  - Threatened miscarriage - After 12 weeks

- Anti-D Ig-500 IU
  - Before 20 weeks Anti-D Ig-250 IU
  - After 20 weeks Anti-D Ig-500 IU

- TEST FOR FMH
- Anti-D Ig-500 IU
- >4ml Red cells

**3RD TRIMESTER**
- Potentially sensitizing events
  - Antepartum Haemorrhage
  - External cephalic version
  - Closed abdominal injury
  - Intrauterine death
  - Invasive perinatal diagnosis

- Anti-D Ig
  - ≥1:64
  - Repeat antibody titers every 2-4 weeks
  - Amniocentesis every 2-3 weeks

**LABOUR**
- Routine blood test
- Identification of Rh-negative mother
- Anti-D Ig-500 IU
- 28, 32 and 36 weeks of POA
- A titre of >1:4

**POST PARTUM**
- Cord blood for
  - 2ml (Plain bottle)-Grouping & Rh.
  - 2ml (EDTA bottle)-Fetal Hb.
  - 2ml (Plain bottle)-Serum bilirubin
  - 2ml (Plain bottle)-Direct Coomb’s test.
  - 2ml (EDTA bottle)-Reticulocyte count

- FMH test in (Kleihauer acid elution test),
  - Traumatic delivery-LSCS
  - Stillbirth/IUD.
  - Abdominal trauma in 3rd trimester.
  - Twin pregnancy (At delivery)
  - Unexplained Hydrops Fetalis

- Anti-D Ig recommended because of silent FMH

**Sensitized mother**
- Already sensitized due to previous event
- Check unexpected antibody levels at booking visit, 28, 32 and 36 weeks of POA

**First sensitized pregnancy. (Previously affected pregnancy)**
- Initial procedure is determined by past clinical history. Usually performed at least 4-8 weeks earlier than the previous point of significant morbidity

**Documentattion Mandatory**

Sri Lanka College of Obstetrics and Gynaecology
Health sector development Project
Guidelines- Management Rhesus Negative Mother

FMH-Feto-Maternal Transfusion
IAT-Indirect Antibody Test

No risk
At risk
Investigation