



## Notes: rhesus disease

- **Haemolytic disease can be caused by:**
  - c (little c)
  - Kell
  - D
  - Rarely Duffy(Fy<sup>a</sup>)
  - Even more rarely with E
- **In RhD disease,**
  - give anti-D within 72 hours
  - It will last for 6-8 weeks
  - Under 20w, 250iu.
  - Over 20w, 500iu.



## Notes: management of Rh –ve women.

- **Screen for a.b. at 28 & 34 weeks**
- **Prophylaxis at 28 and 34 weeks (500iu)**
- **If a.b. present, check paternal blood:**
  - If Rh –ve, then fetus will be Rh –ve (?paternity)
  - If homozygous Rh +ve, fetus WILL be Rh +ve
  - If heterozygous Rh +ve, fetus has 50% chance of being Rh +ve
- **If a.b. is present, will need serial measurement 2- 4w**
  - If a.b. level < 4iu/ml, no or minimal risk
  - If a.b. level > 10iu/ml, or rising, will need further assessment (USS - ? Hydrops/effusion etc/ MCA/ OD)
- **If father heterozygous, may need amnio to determine fetal Rh status**