

Pregnancy: a special journey

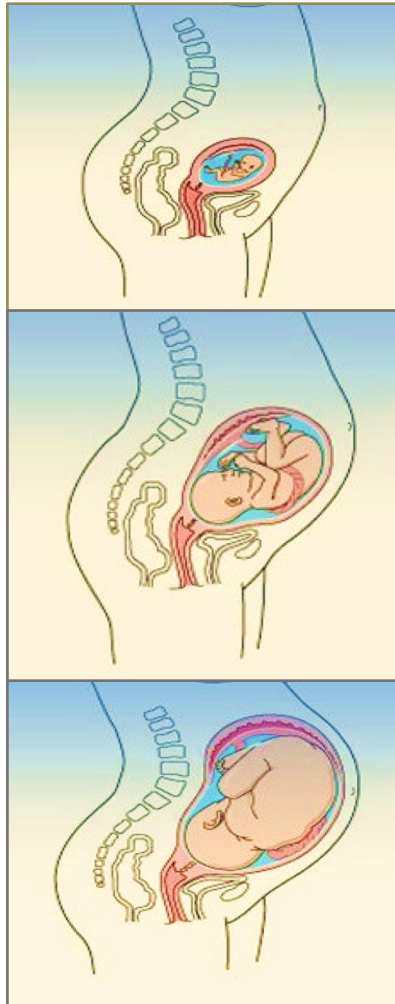
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Outline of the talk

- Why is pregnancy so special
- Problems that can arise during the pregnancy
- What do we know about these problems so far?

Why is pregnancy so special?



- First Trimester – Months 1-3
 - Conception and baby’s organs develop
 - Potential concerns: miscarriage, birth defects
 - Number of babies.....
- Second Trimester – Months 4-6
 - Baby grows, baby bump
 - Potential concerns: poor growth, early delivery
- Third Trimester – Months 7-9
 - Baby grows, labor
 - Potential concerns: early delivery, infection, blood pressure issues

Numerous “minor” issues in pregnancy.....

- Vomiting
- Change in diet
- Mood swings
- Gain weight
- Infant grows in-utero which may cause discomfort

More serious issues.....Mother

- Miscarriage
- Medical problems
 - Raised blood pressure
 - Raised sugars
 - Infections such as UTIs, chorio-amnionitis
 - Hemorrhage (before/after delivery)
- Maternal death

Infant

- Still birth or Neonatal death
- prematurity
- Infection
- Birth defects/abnormality
- Injuries during delivery

Mother baby outcomes at Shandukani and CMJAH

CMJAH:

8500 deliveries per year

4500 caesarean sections



Shandukani:

About 3300 deliveries per year

About 20% of women referred to CMJAH



Some South African figures.....

- Overall 65.2% of pregnant women deliver at first ANC < 20 weeks
 - Gauteng 58.4%
- Overall maternal mortality rate 116.9/100 000 live births
 - Gauteng 119.2/100 000
- Early neonatal death rate 9.9/100 000
 - Gauteng 10/100 000

As a precursor to this study, we are conducting a desktop review of pregnancy outcomes in all countries doing “Deliver” (042B), which will give us information of baseline rates of pregnancy outcomes

Also, we have information from 2 other studies where women became pregnant on the dapivirine ring and other forms of prevention

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