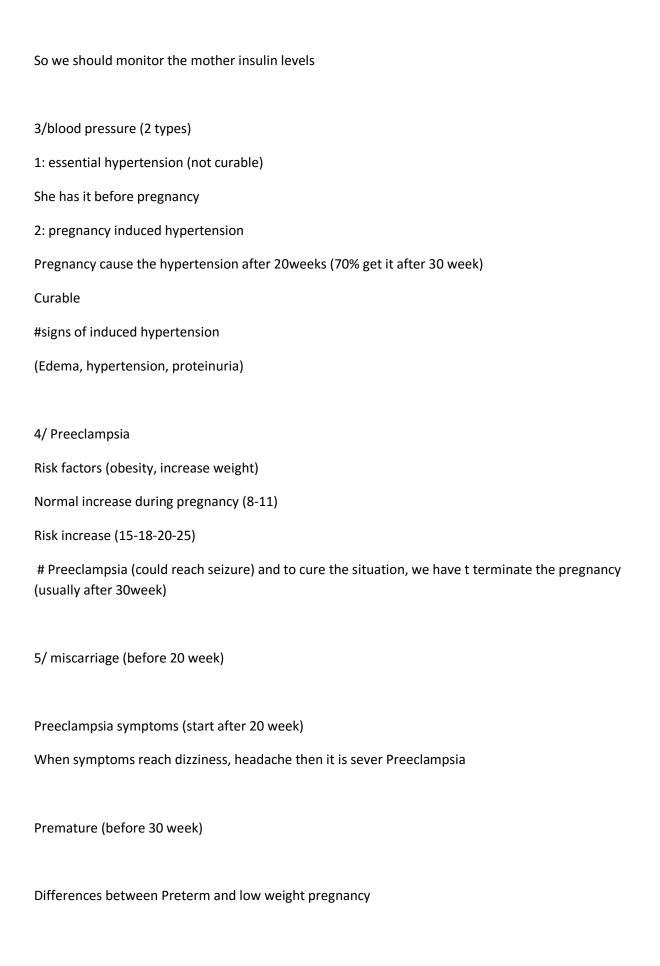


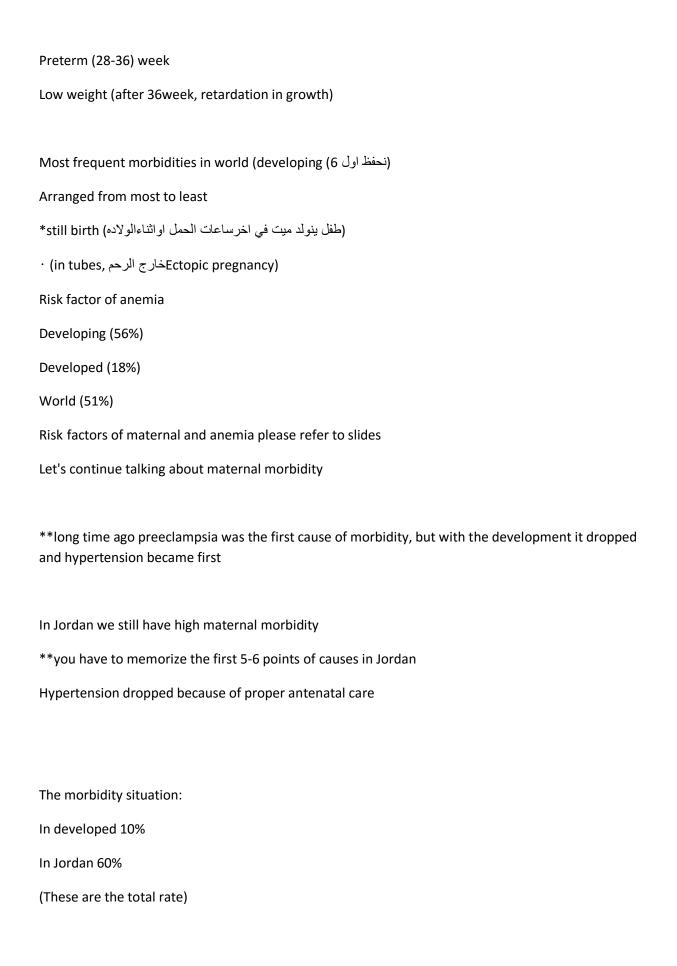
MCH

Done by: Tala ashour and shaima Ahmad

Pregnancy complications are the main cause of mortality ?when mortality occurs A: .during pregnancy and 42 weeks after labor ?why we should know the complications A: .to prevent mortality at early stages *complication 1/ anemia (could be cause by 3btype) 1: **hemodilution** >normal blood volume (4-5) >during pregnancy (6) 2: bleeding 3: iron deficiency (the more she get pregnant, the more she get the deficiency) {Sometimes folic acid deficiency} Hemoglobin concentration in anemia 10-12(mild) 8-10(moderate) <8(sever) Symptoms of anemia Pale, headache, shorten of breath, physical loss. 2/ gestational diabetes (سكريالحمل) (no symptoms) : high risk : (obesity, already has diabetes, family history of it) \$gestational diabetes affect the mother and fetus (the baby has extra growth retardation, over weight

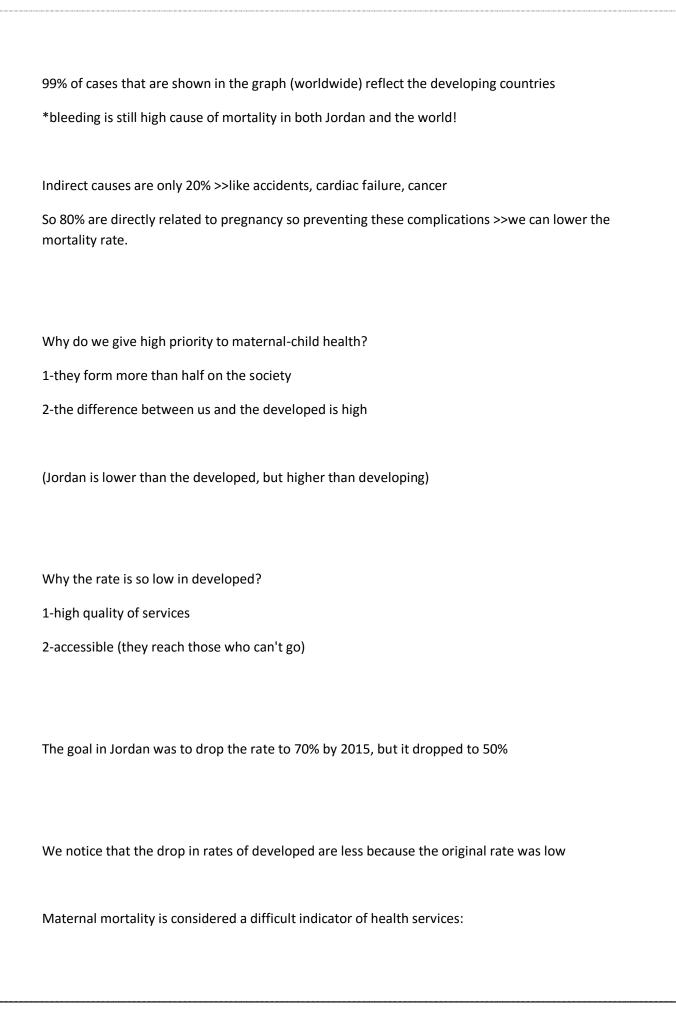
by 5kilos and he get hypoglycemia

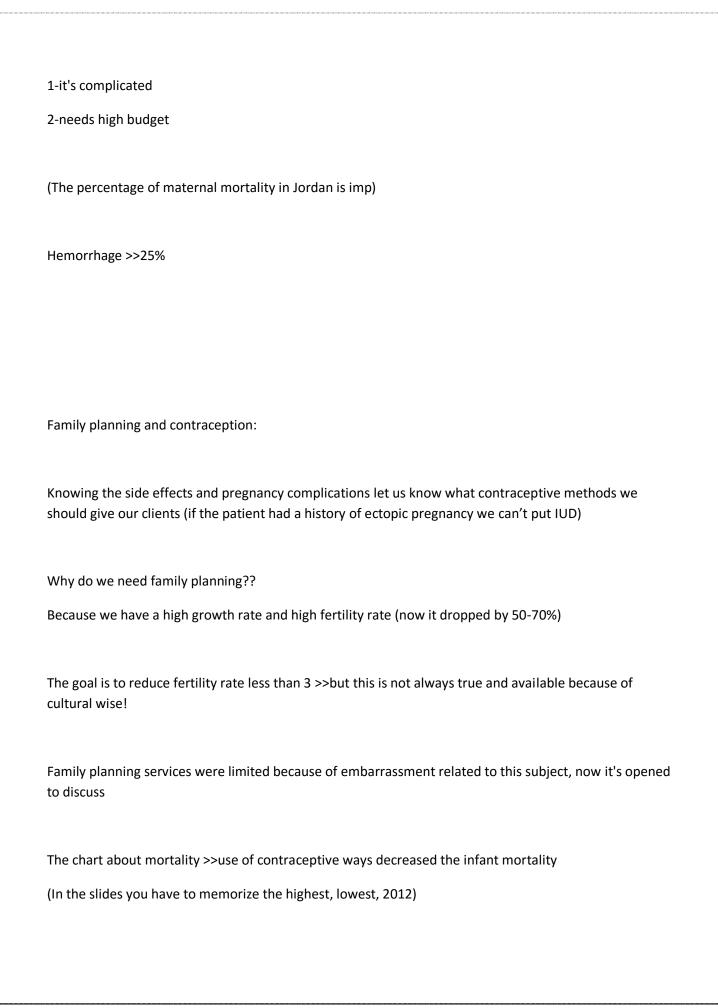




Things to keep in mind: 1-total morbidity rate: 60% 2- Morbidity during pregnancy: 41.3% 3- Postpartum: 18.7% (these are in Jordan) The more cesarean delivery surgeries the less developed we are! Why? Because this means we have poor prenatal services **notice that this could be selective cesarean, this leads to higher rates (this selective opinion is only in private centers not governmental) The main way to have labor is natural way in Jordan, because in 1985 the study showed that cesarean surgeries causes high mortality rate Anemia:
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Anemia:
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Prevalence rate of anemia is high!
*we can avoid enrollment by having a good pre-conceptional counseling

What should we do to drop the anemic rate? Give the women iron supplements (but the rate is still high)
**each country has its own policy >>1-priority, 2-the economic condition
Pregnant women are sensitive to infections:
1-because of low immunity
2- Her urinary tract become stasis (the most infectious agent her is bacteria- E.coli)
Maternal mortality:
Maternal: pregnancy +labor+42 days after labor
In developing world the highest cause of death is pregnancy related diseases!
How to decrease mortality?
1-good delivery
2- Rich antenatal care services
(We still have high mortality rates in comparison with developed countries)
** Poverty (important): due to poor hygiene, poor nutrition, poor education, some women are not subjected (the priority is mainly for the high risk group)
The risk of mortality of infants to be (still birth) is higher here!





•the use of contraception is an indicator of planning and fertility						
The most important rates by 2016						
Total, modern, traditional						
**the modern are the highest >>because those who recorded the numbers went to the clinic to use modern ways mostly and those who use the traditional way won't go to the clinic						
19% is supposed to be higher but as we said those who recorded went for the modern ways						
Source of contraception methods:						
1-non-governmental						
2-private sectors (mainly)						
Jordan is the highest in region						
Infant and child care :)						
Perinatal care services are important to have a healthy pregnancy, thus preventing congenital abnormalities. This is also carried out by good nurseries						
WBC: well baby clinic						
To follow up the child from birth until five years of age						
What's the difference between develop and growth?						
Developmentally						
Growth: physically						

Vaccinations: are important because infectious diseases are on the top of the list for morbidity Day care centers: services for those under 5 above 2 **its imp to make sure that u put your child in a good nursery (this is covered in rich countries) Children in age (6-18) have school health Handicaps>>should be taken care of mentally and physically Perinatal and newborns care reduce the mortality rate (because the mortality is at highest at birth) 75% die in the first week Perinatal: last week of pregnancy +first week of birth It's important to know who's attending the labor: In some cases in high risk so we need specialist (as in preterm) Why home deliveries are dangerous? 1- No infectious control 2- No management of complications (These are in developing world) Psychological support: warmth and breast feeding 7 out 13 mortality happen Perinatal

Low birth and >>retardation, less than 2.5 kg

Premature >>didn't complete 40 weeks
Complications among pregnancy >>in developed countries they reach those who don't come to the clinic (that's why they have a low mortality rate)
Causes of Perinatal mortality:
The top of the list: low birth
Diarrhea cause mortality because of dehydration and hypovlumic shock
We use ORT (oral rehydration therapy)
Normal children have long periods of time between each visit and the next one so the total is (7-8)
If abnormal they have to visit more
**infant morbidity:
Infant morbidity rate: we talk about the first year
Low birth, premature >>on the top of the list
Hyperbilirubinemia >> more in premature and low birth (in severe cases we do blood transfusion)
The more time the child spend in hospital =higher morbidity
Premature, low birth >>low immunity (fragile morbidity)
Feeding problems: not able to suck milk, failure to thrive

Child health diseases:
In Jordan
ARI: acute respiratory infection
Fever: because of infection
The most common cause >>anemia (we have high rates, so we need to give high priority for preventive services) like iron, school health
ARI: in developing countries (malnutrition is a cause)
The more septic are bacterial causes
In viruses don't memorize rate :)
High risk:
Large families >>easy transmission of infection
The latest in order at higher risk
Breast feeding is important for immunity against GII (diarrhea)
Discuss on a superior and should be all (information and should be
Diarrhea: cause dehydration and shock (infants are more sensitive to this)
In severe cases we give him IVI It's spreaded: 1-contamination 2-orofecal
Non-infectious are not related to GT, RT
Non micetious are not related to G1, K1
**infant mortality:
Neonatal: first month
Postnatal: end of first month-first year



We have two type:

Live vaccine>>may cause infection

Killed >>safe

How serious is the disease determine the vaccine program

The most common cause of diarrhea: Rota virus

Hepatitis b+c>>only by blood

Vaccinations in developing world still is not covered

The first line of defense in immune system is skin

The long lasting immunity is the acquired one

Infectious diseases cause long life disability like polio

Tetanus, diphtheria >>caused by toxins so we give toxoids

Tetanus is transmitted to newborn when we cut the umbilical cord

Tetanus in Jordan is almost not present

Pertussis is droplet infection

Polio: orofecal

BCG: TB

DPT: diphtheria, polio, tetanus

MMR: mumps, measles, rubella