Cheatography

OB/GYN Guidelines Cheat Sheet by Madmik via cheatography.com/179539/cs/37352/

Infertility

Definition: failure to conceive after **one year** of regular, unprotected intercourse.

Etiology: **males** 40% - abnormal spermatogenesis. **Females** - anovulatory cycles or ovarian dysfunction = 30%, congenital or acquired disorders.

DX: **hysterosalpingography** to evaluate tubal patency or abnormalities.

Management: 1. **Clomiphene** — induces ovulation. 2. If amenorrhea or oligomenorrhea, correct endocrine problems. 3. In vitro fertilization

Uncomplicated Pregnancy Physical Exam

Ladin's sign	Uterus softening after 6 weeks
Hegar's sign	Uterine isthmus softening after 6-8 weeks
Piskacek's sign	Palpable lateral bulge or softening of uterine Cronus 7- 8 weeks
Goodell's sign	Cervical softening due to increased vascularization, 4-5 weeks
Chadwick's sign	Bluish coloration of cervix and vulva, 8-12 weeks
Fetal Heart tones	10-12 weeks, normal = 120- 160 bpm
Pelvic Ultrasound	Fetus detected 5-6 weeks
Fetal Movement	16-20 weeks

Fundal Height Measurement

12 weeks	Above pubic symphysis
16 weeks	Midway between pubis and umbilicus
20 weeks	At umbilicus
38 weeks	2-3 cm below diploid process

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Prenatal Care

Estimated Date of Delivery (Naegle's Rule) : 1st day of LMP + 7 days - 3 months
Blood pressure
Blood type & Rh
CBC
UA (glucose & protein)
Random glucose
HBsAg — hepatitis surfaced antigen, measures acute or chronic
HIV
Syphilis
Rubella Titer
Sickle cell and cystic fibrosis screen
PAP smear

Rh Alloimmunization

Rh(D) negative women carry Rh(D) positive fetus —> exposure to fetal blood mixing Dpositive RBCs

Causes maternal alloimmunization and maternal anti-Rh(D) IgG antibodies

Subsequent pregnancies —> antibodies may cross placental and attack fetal RBCs = hemolysis of fetal RBCs

If mother is Rh(D) negative and father is Rh(D) positive, 50% chance

Anti-D Rh immunoglobulin (RhoGAM) 300 micrograms given @ 28 weeks, within 72 hours of delivery of Rh(D) positive baby, AND after any potential mixing of blood (spontaneous abortion, ectopic pregnancy, amniocentesis, etc.)

First Trimester Screening: Weeks 1-12	
Free beta- hCG	Abnormally high or low may indicate chromosomal abnorm- alities
PAPP- A	Serum pregnancy-associated plasma protein-A — Low with fetal Down syndrome

First Trimester Screening: Weeks 1-12 (cont)

(00111)	
Nuchal transl- ucency US	10-12 weeks — trisomies 13, 18, and 21. Increased thickness = abnormal, offer chorionic billows sampling or amniocent- esis.
Fetal US	10-12 weeks , transvaginal can detect at 5-6 weeks after LMP
Uterine size and gestation	If abnormal, offer CVS or amniocentesis
CVS	10-13 weeks if abnormalities or if at increased risk of abnorm- alities (>35 yo)

Second trimester screening: Weeks 13-27

Triple	Alpha-feta protein: if high,
screening	indicates open neural tube
@ 15-20	defects / spina bifida. Beta-
weeks	hCG: high = Down syndrome/
	trisomy 21, low = trisomy 18.
	Unconjugated Estriol: often low
	in trisomy 21 and 18.
Gestat-	1 hour & 3 hours abnormal =
ional	>140
Diabetes	
@ 24-28	
weeks	

Third Trimester Screening: Weeks 27-birth	
Repeat antibody titers	In RH(D) negative, antibody negative —> give RhoGAM 300 micrograms @ 28 weeks
Hemoglobin & Hematocrit	35 weeks

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Third Trin (cont)	nester Screening: Weeks 27-birth
Group B Strept- ococcus	36 0/7 to 37 6/7 weeks, if positive —> prophylactic abx during labor w/in 4 hours of delivery with IV PCN G 5 million units, then 2.5 million units every 4 hours. Second line = Ampicillin, Cefazolin, Clindamycin, Vancomycin
Biophy- sical Profile	Fetal breathing, fetal tones, amniotic fluid levels, NST, and gross fetal movements (2 points each)
Non- stress testing	Reactive Test: >/= 2 accele- rations of fetal HR >/= 15 bpm from baseline lasting 15 seconds over 20 minutes — fetal well being, repeat weekly-biweekly. Nonreactive test: No fetal HR accelerations or = 15 bpm<br lasting < 15 s— indicates sleeping, immature, or compro- mised fetus —> vibratory stimulus to wake or contraction stress test.
Contra- ction Stress Testing	Negative test: No late decele- rations in presence of 3 contra- ctions in 10 minutes = fetal well being. Positive CST: repetitive late deceleration following >/= 50% of contraction = worrisome, hospitalize for fetal monitoring or delivery.
Intra Parte	um (onset of labor-delivery of
Braxton	Spontaneous uterine contra-

Intra Partum (onset of labor-delivery of placenta) (cont)

Lightening	Fetal head descending into the pelvis causing a change in abdomen's shape and sensation
Ruptured Membranes	Sudden gush of liquid or constant leakage of fluid
Bloody Show	Passage of blood-tinged cervical mucus late in pregnancy, occurs with cervix is thinning (effac- ement)
True Labor	Contractions of uterine fundus with radiation to lower back & abdomen. Regular + painful contraction of uterus causes cervical dilation and fetus expulsion
Cardinal Move	ements of labor
Engagement	When the fetal presenting part enters the pelvic inlet
Descent	Passage of the head into pelvis (lightening)
Flexion	Flexion of head to allow smallest diameter to present to pelvis
Internal Rotation	Fetal vertex moves from occiput transverse position to position where the Sagitt- arius suture is parallel to the anteroposterior diameter of pelvis
Extension	Vertex extends as it passes beneath the pubic symphysis
External Rotation	Fetus externally rotates after the head is delivered so that the shoulder can be delivered
Expulsion	Of fetus and placenta

Stages of Labor

Stages of Lat	bor
Stage 1: Onset of labor (true contracti- ons-ce- rvical dilation @ 10 cm	Latent phase: cervix effacement with gradual cervical dilation. Active Phase: rapid cervical dilation (begins @ 3-4 cm)
Stage 2: full dilati- on-delivery of fetus	Passive Phase: complete cervical dilation to active maternal expulsive efforts. Active phase: from active maternal expulsive efforts-d- elivery of fetus.
Stage 3: postpartum until delivery of placenta (0-30 mins)	Signs of placental separation: 1. Gush of blood. 2. Length- ening of umbilical cord. 3. Anterior-caphalad movement of uterine fundus (becomes globular and firm) after placenta detaches.
Stage 4: after delivery	Mother is assessed for complications, 1-2 hours after

Hicks ctions late in pregnancy not associated with cervical dilation

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