

LABOR & DELIVERY CLINICAL CHEAT SHEET



MOM'S VITAL SIGNS

BLOOD PRESSURE (BP)	SYSTOLIC 120 mmHg DIASTOLIC 80 mmHg
HEART RATE (HR)	60 - 100 bpm
* RESPIRATORY RATE (RR)	12 - 20 breaths/min
TEMPERATURE (T)	97.8 - 99°F (36.5 - 37.2°C)
OXYGEN (O₂)	95 - 100% <small>COPD pts are expected to have lower O₂ levels</small>
*NAD TIP: After you are done taking the patient's RR, keep your finger on their pulse while assessing respiratory rate. (Often the patient knows you are taking their respiratory rate, they may breathe differently).	

STAGES OF LABOR

- 1ST STAGE** Regular contractions → Complete dilation (10 cm)
- 2ND STAGE** Complete dilation (10 cm) → Baby is delivered
- 3RD STAGE** Baby is delivered → Placenta is delivered
- 4TH STAGE** Placenta is delivered → Recovery (8 hours postpartum)

BABY'S VITAL SIGNS

BLOOD PRESSURE (BP) (Not done routinely)	SYSTOLIC 60 - 80 mmHg DIASTOLIC 40 - 50 mmHg
HEART RATE (HR)	110 - 160 bpm can be 180 if crying can be 100 if sleeping
RESPIRATORY RATE (RR)	30 - 60 breaths/min
TEMPERATURE (T) (Axillary)	97.7 - 99.5°F (36.5 - 37.5°C)
HAP	Equal to the # of weeks gestation or higher



Breathing pattern is **IRREGULAR**.
Newborns are **ABDOMINAL** breathers.

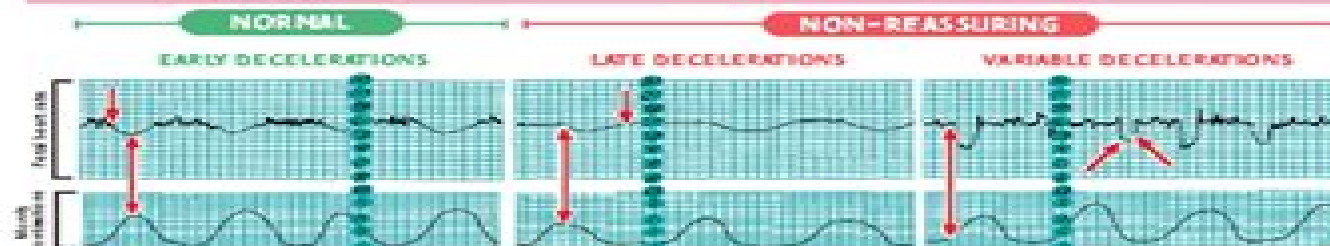
To count breaths, place your hand on their abdomen.
Count for a full minute!



⚠️ SIGNS OF RESPIRATORY DISTRESS

- Retractions
- Nasal flaring
- Grunting

FETAL MONITORING



A TOOL TO HELP INTERPRET FETAL STRIPS

V Variable Decelerations	→	C Cord Compression
E Early Decelerations	→	H Head Compression
A Accelerations	→	O OK (normal fetal response)
L Late Decelerations	→	P Placental Insufficiency

OBSTETRICAL EMERGENCIES

	DESCRIPTION	TREATMENT
Pre-eclampsia / Eclampsia	Eclampsia is when a woman with pre-eclampsia has seizures	BP control, MgSO ₄ , delivery of the baby
Postpartum Hemorrhage (PPH)	Major: blood loss (vaginal birth: >500 mL in 24 hours) (cesarean birth: >1000 mL in 24 hours)	Surgical ligation, hysterectomy, removal of leftover placenta, uterine tamponade & misoprostol
Uterine Rupture	When the uterus ruptures (wall of the uterus breaks open, commonly caused by pressure)	STAT delivery, blood transfusions, possible hysterectomy

MEDICATIONS

OXYTOCIN (Pitocin)	Stimulates uterine contractions
MISOPROSTOL (Cytotec)	Cervical ripening agent
TERBUTALINE (Brethine)	HALTS uterine contractions
NIFEDIPINE (Procardia)	HALTS uterine contractions
MAGNESIUM SULFATE	Preventing & controlling seizures in mothers with pre-eclampsia/eclampsia



APGAR

	0 POINTS	1 POINT	2 POINTS
A ACTIVITY (Muscle tone)	Absent	Flexed arms & legs	Active
P PULSE	0	< 100	> 100
G GRINACE (Reflex irritability)	Flaccid	Minimal response to stimulation	Prevents response to stimulation
A APPEARANCE (Skin color)	Blue / pale all over	Pink body Blue extremities (acrocyanosis)	Pink
R RESPIRATION (Effort)	No breathing	Slow & irregular	Vigorous cry

ASSESSMENT OF APGAR 1 MINUTE and 5 MINUTES after birth.

SCORING & INTERVENTIONS

7-10

No interventions, baby is doing well. Only routine post-delivery care needed.

4-6

Some interventions necessary, newborn requires assistance, stimulate the baby, rub baby's back.

0-3

Baby's full resuscitation needed.



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astm a572 ssab - Mar 28 2023

web astm a572 the astm a572 specification is the standard specification for high strength low alloy columbium vanadium structural steel for plates used in general construction and structural applications astm a572 includes five grades with specified minimum yield strengths of 42 50 55 60 and 65 ksi respectively

a572 structural carbon hsla steel plate chapel steel - Jun 18 2022

web astm a572 a high strength low alloy steel plate that is utilized in a variety of structural applications this specification is produced in grades 42 50 55 60 65 the grades representing the yield strength plates that are 4 and thicker are made to a 42 ksi yield although material can be modified to reach the 50 ksi min yield

[mechanical properties of astm a572 grades 50 and 60 steels at](#) - Nov 23 2022

web this study presents a detailed experimental study on the mechanical properties of astm a572 grade 50 gr 50 and grade 60 gr 60 steels at high temperatures in addition extensive literature data on the yield strength tensile strength and elastic modulus of mild steel ms high strength steel hss and very high strength steel vhss