

* can also measure BP& maternal & rate



DR C BRAVADO

DR Define Risk

- High/low nish pregnancy? e.g.: meconium stained liquor
 - : fever
 - intravience growth restriction (IVGB)
- Contractions
 - * Frequency: # of contractions in 10 min
 - * Duration
- A in labor, aim for toco 4-s in 10 min







BRA Baseline Rate Average \heartsuit rate of the ferus Normal FHR = 110-160 BPM



v variability

= beat to be at variability

vanation in FHR from one beat to the next

Normal range = 5-25 BPM



Good variability: indicates intact neurological system in the fetus & is a good indicator of now healthy afetus is.





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Myocardia 1 Mypoxia & acidosis Unstable baseline Stepwise pattern to death,



Decelerations Decrease in the FHR by 715 bpm for 715 s * 3types: => Early => Variable => Late

Early Decelerations

• Trougn of deceleration conincides with peak of contraction.

Istart when when in contraction begins krecovers when uc stops j

- · secondary to head compression
- : During uterine contractions, 1 fetal ICP which 1 vagod tone, 1 HR.
- : quickly resolves once vcends.
- uncommon
- · not considered physiological or pathological



Variable Decelerations

- •~ 80-90% of decelerations
- vany in shape, form & timing in relation to contractions.
- typically have a rapid fall in baseline the with a vaniable recovery phase
- · secondary to umbilical cord compression



> vein occluded first : acceleration



M/MWh

MM

> Artenies occuded next · Deceleration



* Accelerations before & after the variable decelerations : Shouldering bindicate fetus is not yet hypoxick is compensating well.



Concerning Characteristics:

- lashing 760sec
- biphasic shape
- no shouldering
- reduced baseline variability within deceneration
- Failure to return to baseline

Late Decenerations

- start at the peak of the UC & recover after the contraction ends.
- secondary to meroplacental insufficiency cinsufficient blood flaw to uterus & placenta) Gu blood flaw to fetus -> mypoxia

acidosis

* maybe andry to:

- preeclampsia
- Merine hyperstimulation







SUSPICIOUS



PATHOLOGICAL

NICE CTG CLASSIFICATION





FETAL SCALP STIMULATION



FETAL BLOOD SAMPLING

