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Neonatal Vital Parameters

Parameter	Normal	Abnormal
RR	30-40 bpm w/o nostril flare	Increased with nostril flare Rib excursions of irregular motion Grunting, barking, or rattling sounds Slow irregular rate
HR	70-100 bpm regular Strong regular pulses	Increased or decreased heart rate Bounding increased pulse strength
MM	Pink with CRT < 2 sec Without spots	Increased CRT Pink – red spots on gums Yellow, blue, purple color Bright red with red around eyes too Pale or white color
Mentia	Alert, erect head Erects ears and neck	Drooping ears or head Depressed, lying down Poor or no appetite
Eyes	Clear with all lashes outside	Cloudy or off colored Turned in eyelashes, tearing Pupil moving without eye movement
Temperature	99-102 F (37.2-38.6C) Warm feet and ears	Increased or decreases Cold or hot feet and ears

Foaling Emergencies

Stage 1

- Edema or large plaque on abdomen
- mild intermittent signs of colic

Stage 2

-Premature placental separation – red bag delivery – a red membrane appears instead of bluish-white

-Discontinuation of stage II labor

-Malposition

-Only one foot appears

-Two feet appear w/soles facing up to mares backbone

-No head appears

-1-2 hocks appear

-Only a tail appears – breach

-Nothing appears – transverse or breach

-both a hind and a fore limb appear

-No progress after 15-20 minutes – foal is not progressing out of the birth canal

-Mare becomes tired, weak, exhausted, or unstable

Stage 3

-No or partial placenta is passed – within 3 hours

-Prolapsed (averted) uterus

-Signs of colic in the mare

-Deteriorating vital signs