

- Decreased vagal nerve tone
- Increased intracranial pressure
- Laboratory evidence of metabolic or endocrine changes: Hyperglycemia, lowered pH, elevated corticosteroids

Behavioral Responses

Vocalizations: Observe quality, timing, and duration

- Crying
- Whimpering
- Groaning

Facial expression: Observe characteristics, timing, orientation of eyes and mouth

- Grimaces
- Brow furrowed
- Chin quivering
- Eyes tightly closed
- Mouth open and squarish

Body movements and posture: Observe type, quality, and amount of movement or lack of movement; relationship to other factors

- Limb withdrawal