A summary of the causes of periparturient disease in the dairy cow

- **Pre-partum**
  - Metabolic
    - Milk Fever
    - Hypomagnesemia (Pregnancy toxemia)
  - Reproductive tract
    - Abortion
    - Uterine torsion
  - Musculoskeletal
    - Weakness
    - Paresis
  - Gastrointestinal
    - Diarrhea
    - Salmonellosis
  - Respiratory
    - IBR
    - Pneumonia
  - Nutrition
    - Under or over feeding
    - Mineral or trace element imbalance
  - Mammary
    - Mastitis (acute/chronic)
    - Summer mastitis

- **Partum**
  - Metabolic
    - Milk Fever - common
  - Reproductive tract
    - Dystocia
    - Trauma, vaginal tears or uterine rupture
    - Hemorrhage
  - Musculoskeletal
    - Nerve damage, paresis
    - Pelvic dislocation
  - Gastrointestinal
    - Diarrhea
    - Salmonellosis
  - Respiratory
    - IBR, M. bovis + other respiratory conditions
    - Pneumonia
  - Mammary
    - Mastitis (acute/chronic)
    - Udder gangrene
    - Udder edema

- **Post-partum**
  - Metabolic
    - Ketosis - common
    - Left or right displaced abomasum
    - Milk Fever - common
  - Reproductive tract
    - Retained fetal membranes - common
    - Metritis, endometritis
    - Trauma, vaginal tissues or uterine rupture
    - Hemorrhage
  - Musculoskeletal
    - Injury
    - Nerve damage
    - Paresis
  - Gastrointestinal
    - Dietary upset
    - Diarrhea
    - Toxemia
  - Respiratory
    - IBR
    - Pneumonia
  - Mammary
    - Mastitis (acute/chronic)
    - Summer mastitis
    - Teat necrosis
  - Lameness
    - Foul
    - Digital dermatitis
    - Nerve paresis