**Equine infectious anemia (EIA)**

**Condensed Version**

**Presentation:** Recurrent fever, petechiae, anemia, edema

- **Acute EIA**
  - Fever, transient anorexia
  - Petechiae
  - Mild thrombocytopenia
  - Death
- **Chronic EIA**
  - Recurrent fever, hemolytic anemia
  - Marked thrombocytopenia, petechiae
  - Dependent edema
  - Weight loss, cachexia
  - Death
- **Inapparent carrier**

**Test of choice:** COGGINS (AGID) or ELISA

**Rx of choice:** None, owners generally elect euthanasia

**Prognosis:** Grave-infected for life

**Prevention:** Testing, euthanasia or quarantine, fly control

**Pearls:**
- Spreads via biting insects (esp. horseflies and deerflies)
- Lentivirus – Retroviridae family, related to HIV
- Life-long infection, so life-long risk to other horses
- REPORTABLE

---

**Classic Question(s)**

A 10 yr old QH mare has had repeated bouts of fever and edema. Her PCV is 25% and the total solids is 7.5 g/dl. What diagnostic test should be performed next?

Name 3 reportable equine diseases.

Name 4 clinical signs of EIA.

How is EIA commonly transmitted between horses?