Infectious laryngotracheitis (ILT)
Condensed Version

**Presentation:**
- ALL chickens > 4 week old
- Acute upper respiratory disease
  - Neck extension during inspiration, gasping, coughing, conjunctivitis, periorbital swelling, blood stained mouth, beak (tracheal exudate)

**Test of choice:** Reportable disease
- Field diagnosis – clinical signs
- Necropsy
  - Trachea – blood, mucus, yellow caseous exudates, hollow caseous cast
  - Conjunctivitis
- Histopathology - Intranuclear inclusion bodies
- Virus Isolation – via chick embryos
- Demonstration of viral antigen – PCR
- Serology

**Rx of choice:** Immediate vaccination during outbreak, supportive care

**Prevention:**
- Vaccination – endemic areas, farm outbreaks
- Strict biosecurity and sanitation protocols

**Pearls:**
- Alpha herpesvirus
- Transmission by direct contact, fomites
- Clinically recovered birds (carriers) are most important vector

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**Classic Question(s)**

List 5 common clinical signs expected in a chicken infected with Infectious laryngotracheitis virus.

List 5 differentials for Infectious laryngotracheitis.

How is Infectious laryngotracheitis diagnosed?