Viral Arthritis/Tenosynovitis

AAAP Slide Study Set
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Reoviruses

• Name derived from *Respiratory Enteric Orphan*

• Named “orphan” by Sabin in 1959 because the virus was not connected to any of the diseases it was associated with at the time
Physiochemical Properties

• Heat resistant
  • 60°C for 8-10 hrs
  • 56°C for 22-24 hrs
  • 37°C for 15-16 wks

• Very stable in poultry house environment
  • Survives for at least 10 days on feathers, wood shavings, egg shells and feed
  • Survives for 10 weeks in drinking water
Viral Arthritis - Clinical Signs

Stunted Growth

Swollen Hocks

Swollen Hocks

Images courtesy of Dr. Guillermo Zavala, Avian Health Int’l
Tendon Lesions

- Severe arthritis
- Severe tendonitis

Images courtesy of Dr. Guillermo Zavala, Avian Health Int’l
Tendonitis

Images courtesy of Dr. Guillermo Zavala, Avian Health Int’l
Edematous Tendon w/ Petechial Hemorrhages

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