We Will Not Be De-feet-ed

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Today’s Topics

• Is it footrot?
• Deep digital infection
• Regional antibiotic treatments
• Current research
• Corns
• Corkscrew Claw
• Fractures
Footrot?
Deep Digital Sepsis
Claw Amputation

• Rapid pain relief

• Meet a production goal

• Longevity
  • > 680kg short production life [Pejsa et al 1993]
  • Bulls 27.2 months [Starke 2006]
  • Dairy cows 13.5 months [Starke et al 2007]
Claw-Sparing
Regional Intravenous Limb Perfusion
Regional Intravenous Limb Perfusions

• Antimicrobial
  • No labelled products
  • PK data
    • Ampicillin-sulbactam [Depenbrock et al 2017]
    • ❌ Cefazolin [Gagnon et al 1994]
    • ❌ Ceftiofur sodium [Navarre et al 1999]
    • Florfenicol [Gilliam et al 2008]
    • ❌ Tetracycline HCl [Rodrigues et al 2010]
    • ❌ Marbofloxacin [Celani et al 2017]
Current Research

• With only 2 legal and available drugs for use in the foot, we are evaluating alternatives

• We have set out to establish the distribution of other antimicrobials that may be more user-friendly and effective
Corns
Corkscrew Claw
Fractures

What to know when you call

- Front leg or back leg
- Mild pain, won’t bear weight, won’t put down
- Swelling above or below knee (carpus) or hock
- Bone sticking out
- Bleeding
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