

# Lameness

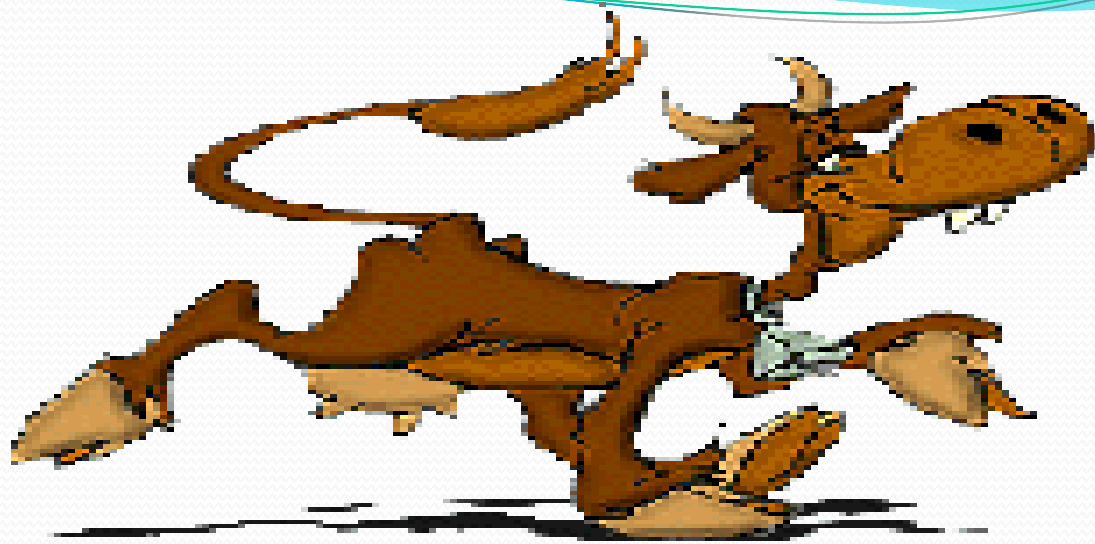
Presented by :

Diana Abu Dayah  
Adnan Jaber

Omayma Khreishi  
Abdulla Shalhoub

Supervised by :

Dr.Nimer Khraim



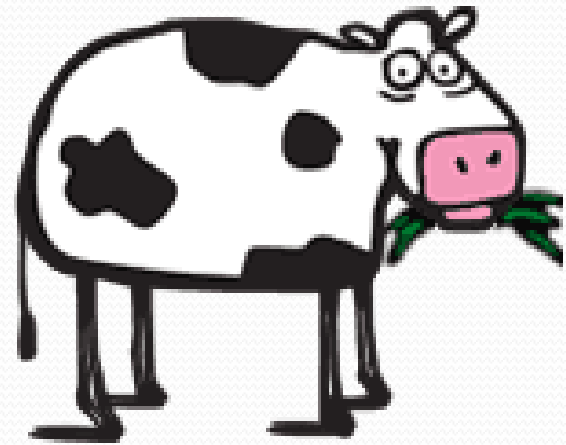
Have you ever noticed your cow limping ,  
did you think that was just not important ,  
did you just ignore it . well, don't ! , it will  
cost you a fortune !!!

# Definition

- **Lameness** is an abnormal gait or stance of an animal that is the result of dysfunction of the locomotor system
- **Lameness itself is a clinical sign, and not a diagnosis**

# Causes of lameness

- Infections
- Traumatic Injuries
- Degenerative Diseases
- Metabolic Diseases
- Developmental Conditions
- Mechanical Malfunction



# Clinical signs

- Changes in Gait Patterns
- Changes in Posture or Body Movement Patterns
- Pain
- Bones and/or joints may be abnormal in size, shape
- Changes in Weight Distribution Patterns
- Changes in Behavior




# Economic loss

- The reported annual incidence of lameness has been estimated between 2.5-31%
- 80% occurs in the hind limb and most important the outer claw




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- It's the third most important cause of economic loss .

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- During our work in the clinic , we have noticed that pododermatitis was the predominant cause of lameness



# pododermatitis

- Is an inflammatory condition of bovine hoof which result in lameness in cattle .

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- Most common causes :
  - Inflammatory causes :
  - Contributing bacteria include :  
*Fusobacterium. necrophorum*
  - Iatrogenic causes : inadequate trimming







































# Recommendations

- Keep the animal in dry, clean area
- Trim regularly
- Daily lameness control
- Regular bandage change
- If there's no improvement in the case , amputation of the affected claw should be applied

# THE END

