I HAD A DREAM...

EASY PHENYLBTUZONE
PBZ story

PHENEBUTAZONE SERIES

PBZ story

PBZ story

PBZ story

PBZ story
PHENYL BUTAZONE

- Drug properties
- Drug efficacy
- Drug cost & use

Exclusion from food chain
- Traceability
- Regulations

Horse problems
- Vet problems

Horse welfare
- Vet welfare

FEEVA GA, 2019
Birmingham
PHENYLBUTAZONE

- Efficacy
- Cost
- Need in practice

- Human health safety
- Vet safety / regulations
- Drug economy market

- FVE/FEEVA position paper
- Efficacy proof
PBZ vs other NAIDs

- Multicentric clinical study
- Dechra implication
- French drug agency approved
CONFIRM PBZ EFFICACY IN HORSES WITH LAMINITIS AND OTHER CAUSES OF LAMENESS

COMPARE EFFICACY OF PBZ, FLUNIXIN AND MELOXICAM AFTER ORAL ADMINISTRATION OF ORAL IN HORSES WITH LAMINITIS OR LAMENESS

COMPARE ONSET OF ACTION OF THESE 3 NSAIDs ADMINISTERED ORALLY FOR TREATMENT OF LAMINITIS OR LAMENESS

COMPARE DURATION OF ACTION OF PBZ, FLUNIXIN AND MELOXICAM, IN EQUINE LAMINITIS

COMPARE EASE OF ADMINISTRATION AND OBSERVANCE OF THE 3 NSAID TREATMENTS IN HORSES WITH LAMINITIS OR LAMENESS
PHENYLBUTAZONE EFFICACY STUDY

Horses examined for laminitis or lameness

60 horses (15 horses/group, 4 groups: In each group will be included at least 8 laminitis)

Diagnosis of lameness or laminitis

Examinations / treatments / videos

Blinded treatments / blinded

COMPARATIVE FLUNIXIN / MELOXICAM / PBZ EFFICACY FOR EQUINE LAMINITIS AND LAMENESS

- Horses examined for laminitis or lameness
- 60 horses (15 horses/group, 4 groups: In each group will be included at least 8 laminitis)
- Diagnosis of lameness or laminitis
- Examinations / treatments / videos
- Blinded treatments / blinded

Materials and Methods

- 6 horses
  - 2 laminitis
  - 4 lame horses
- Lameness scores
  - 2 to 5
- 3 NSAID tested
  - Meloxicam
  - Flunixin
  - Phenylbutazone
- Treatments
  - Oral administration
  - 2 days
  - Flush 2 days
- Clinical examinations
  - 4 days
  - 3 times / day
  - Videos
- Scoring
  - AAEP modified scale
  - Walk and trot
  - Obel scale
  - Neutral observer / video
PHENYLButAZONE EFFICACY STUDY

COMPARATIVE FLUNIXIN / MELOxicAM / PBZ EFFICACY FOR EQUINE LAMINITIS AND LAMENESS

Preliminary results:

- PBZ provides best amelioration of scores
- PBZ lasts longer
- PBZ seems to have “accumulation effect” with time
- Laminitis horses stayed up with PBZ
- Flunixin acts stronger and faster but lasts less longer
- Flunixin granules impossible to be used according to good observance
- Meloxicam acts the fastest but the shortest
- Meloxicam seems not to “accumulate”
- Individual effects / level of starting score to be studied
Preliminary results

**AMELIORATION AU PAS**

**AMELIORATION AU TROT**

- DIFF MELOX
- DIFF FLUNIX
- DIFF PBZ
COMPARATIVE FLUNIXIN / MELOXICAM / PBZ EFFICACY FOR EQUINE LAMINITIS AND LAMENESS
LAST SEASON?

Miss Bute

MAKE IT EASY!