



I HAD A DREAM...

EASY PHENYL BUTAZONE

© PBZ story



© PBZ story



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- Drug properties
- Drug efficacy
- Drug cost & use

- Exclusion from food chain
- Traceability
- Regulations



- Horse problems
- Vet problems

- Horse welfare
- Vet welfare



- 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



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



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

- 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

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 / video
- Blinded treatments / blinded



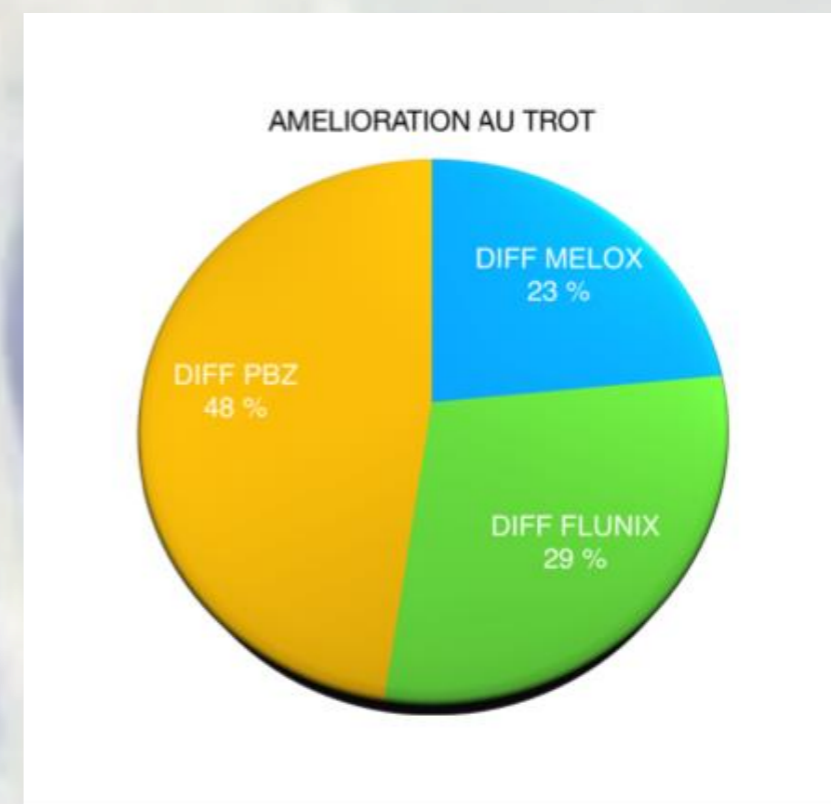
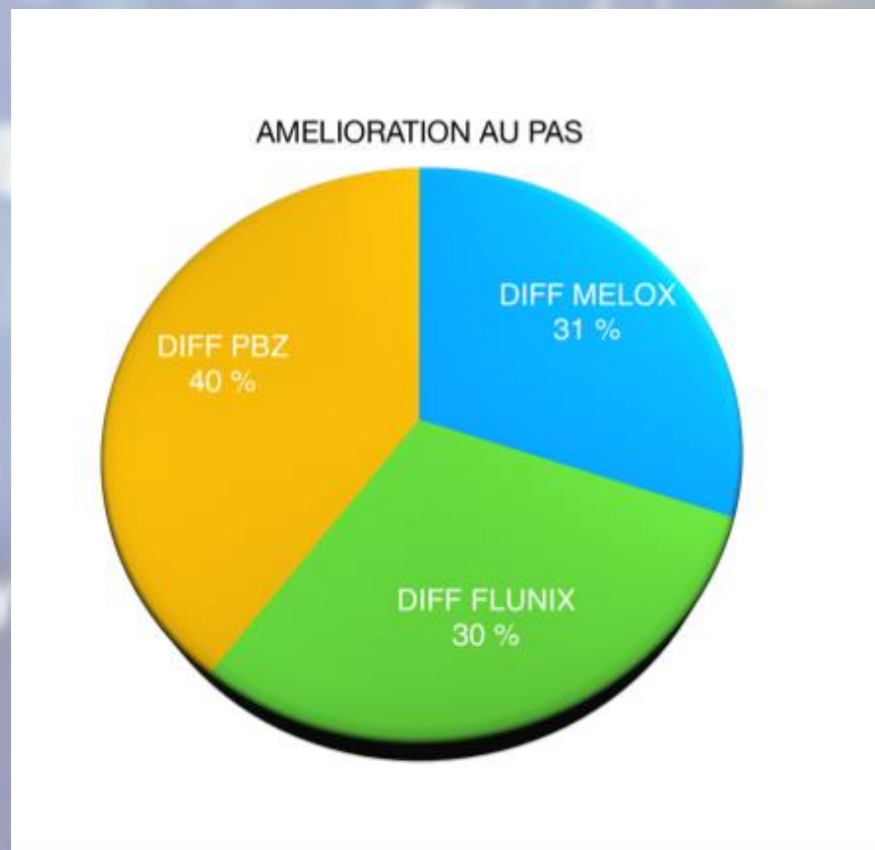
Materials and Methods

- ▶ 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

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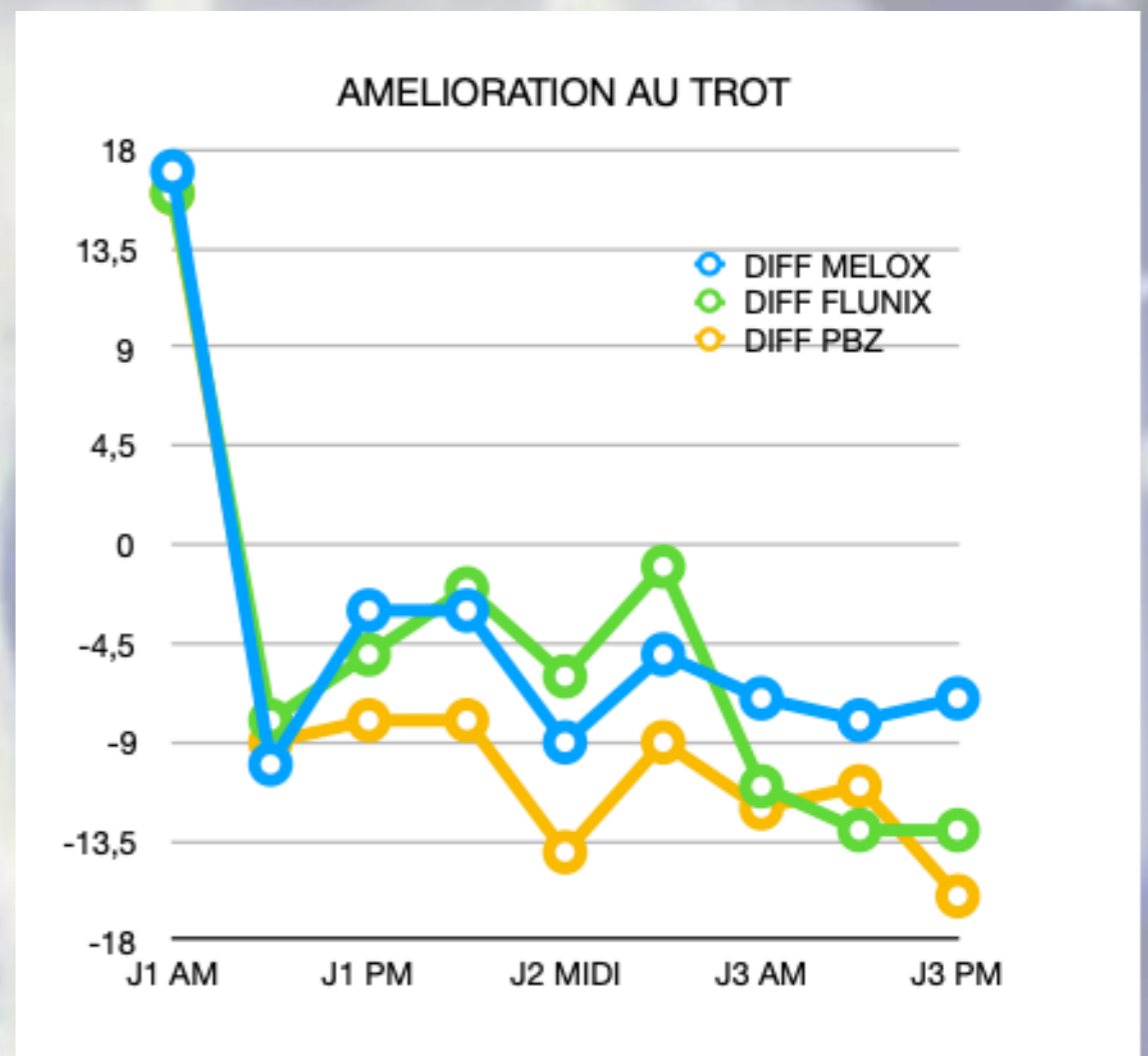
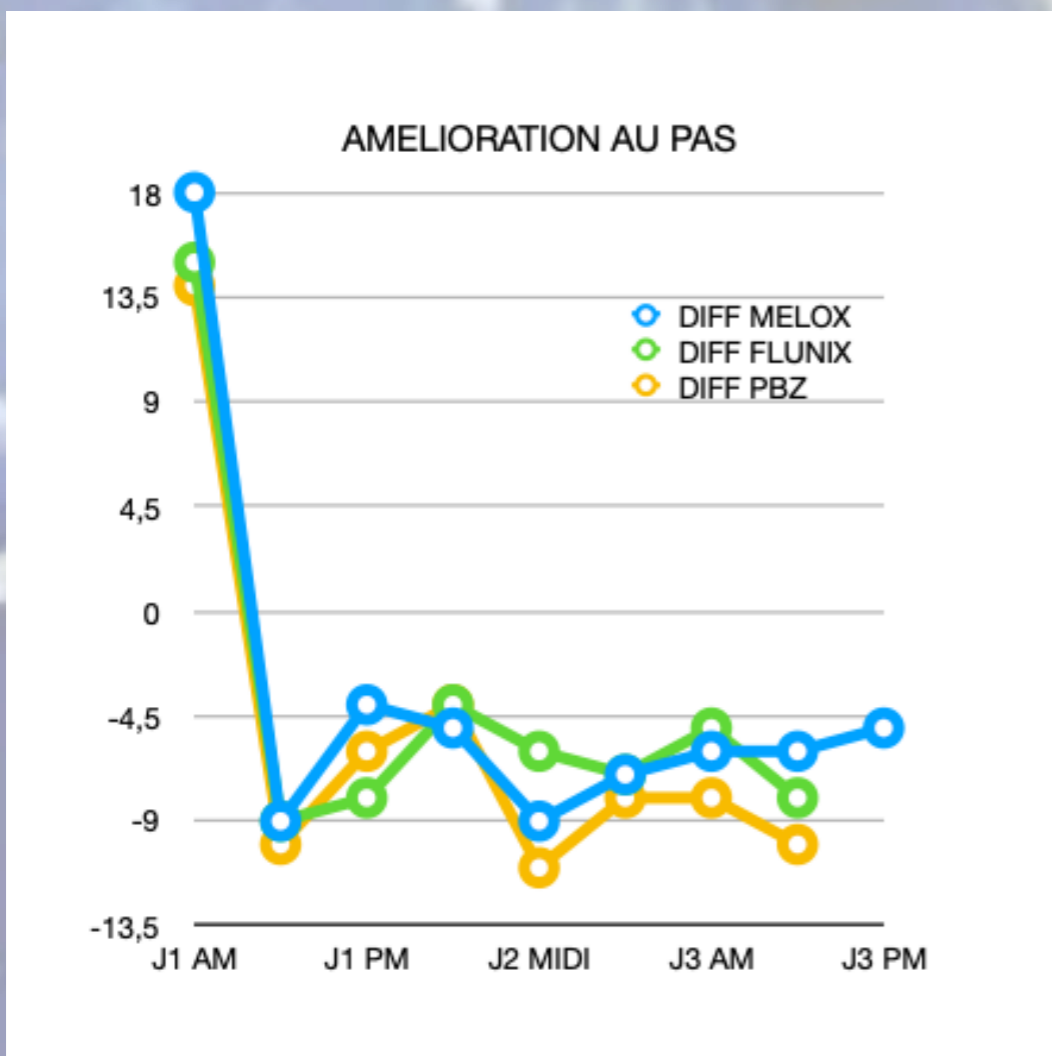
Preliminary results

- ➔ 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



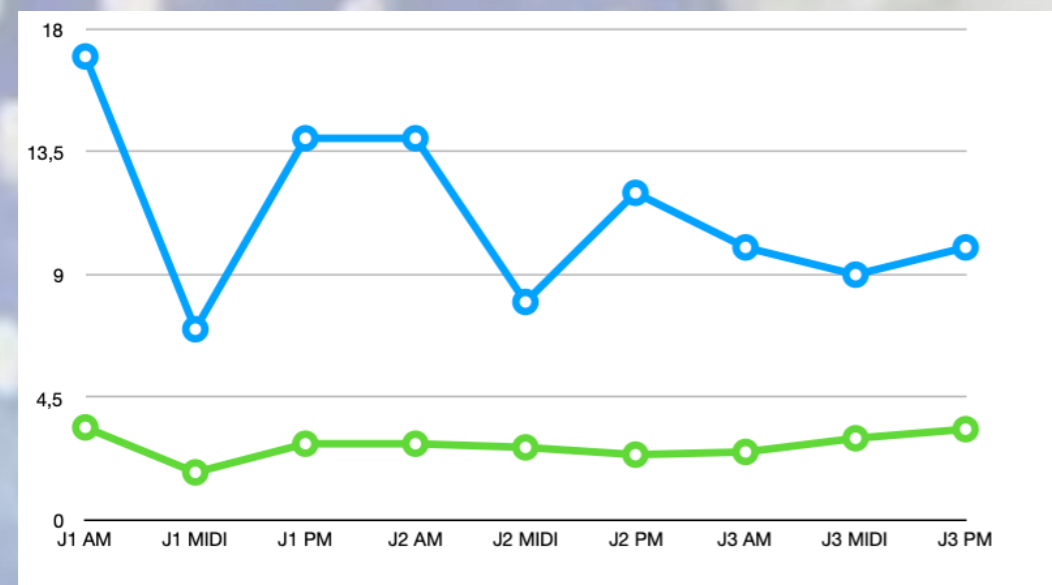
COMPARATIVE FLUNIXIN / MELOXICAM / PBZ EFFICACY FOR EQUINE LAMINITIS AND LAMENESS

• Preliminary results

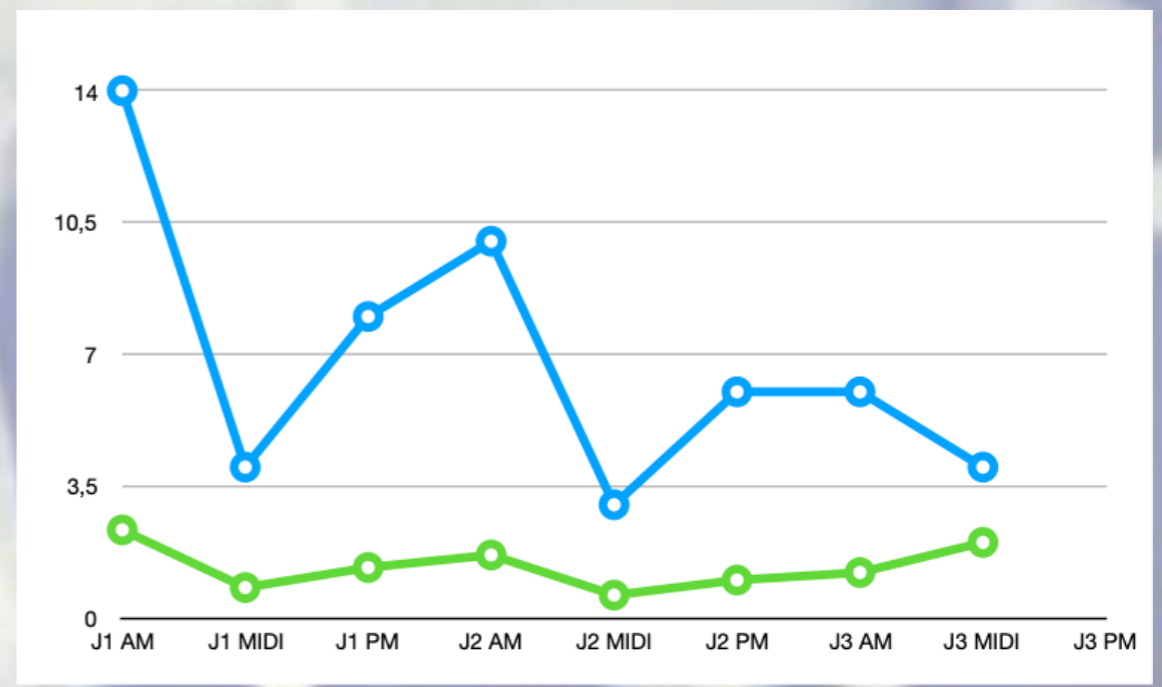


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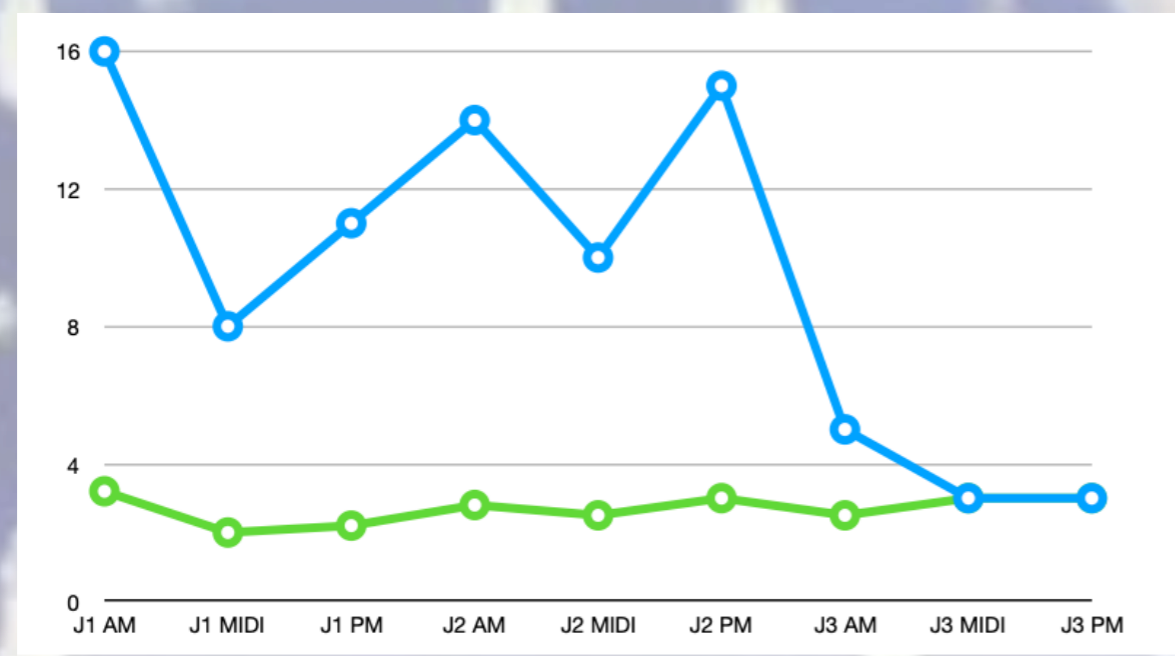
Meloxicam



PBZ



Flunixin



LAST
SEASON ?



MAKE IT
EASY !

