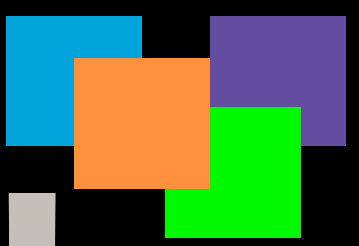




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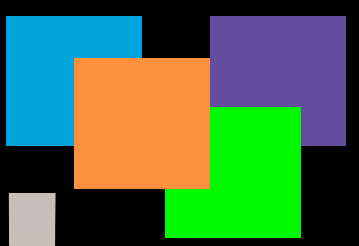


Horse's Health and Welfare



- Education 
- Clinical Research 
- Innovation 





Sin Equi Non



HORSTEM

Field feedbacks from practice

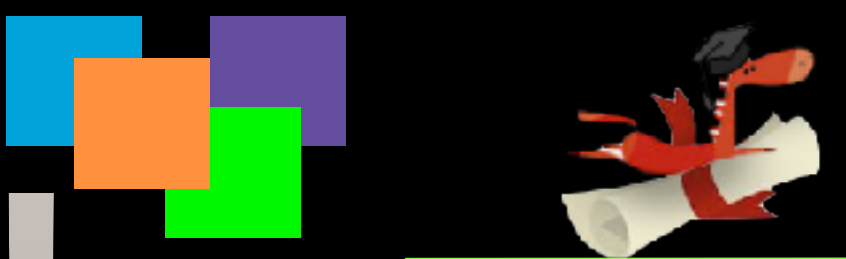
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 République Française

Nov 2021



Claire Scicluna
DVM, Chamant
France

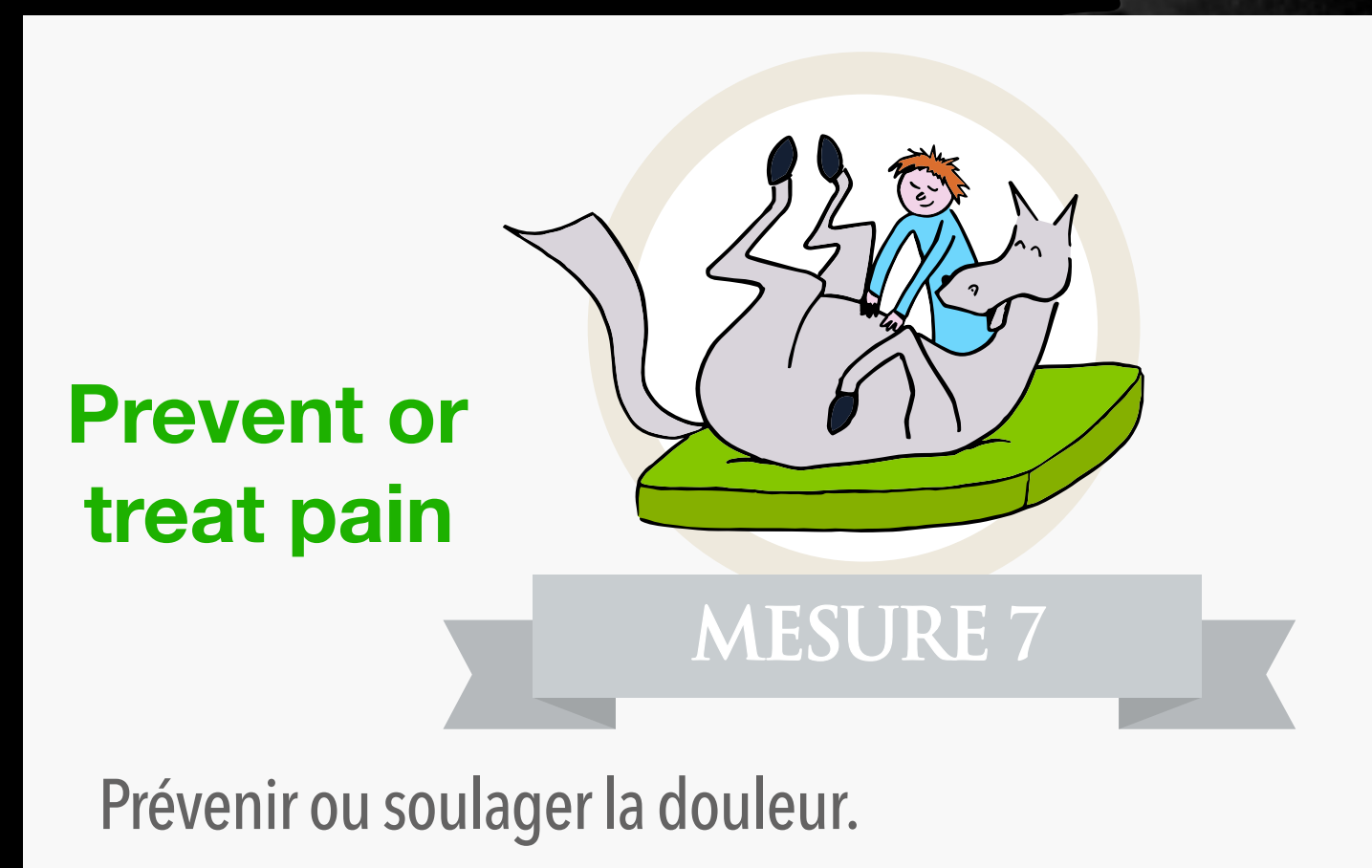




Treatments in horses : ABC to start with...

A challenge for the vet

- Analyze situation
- Brush solutions
- Choose treatment
- Discuss costs
- Ethics

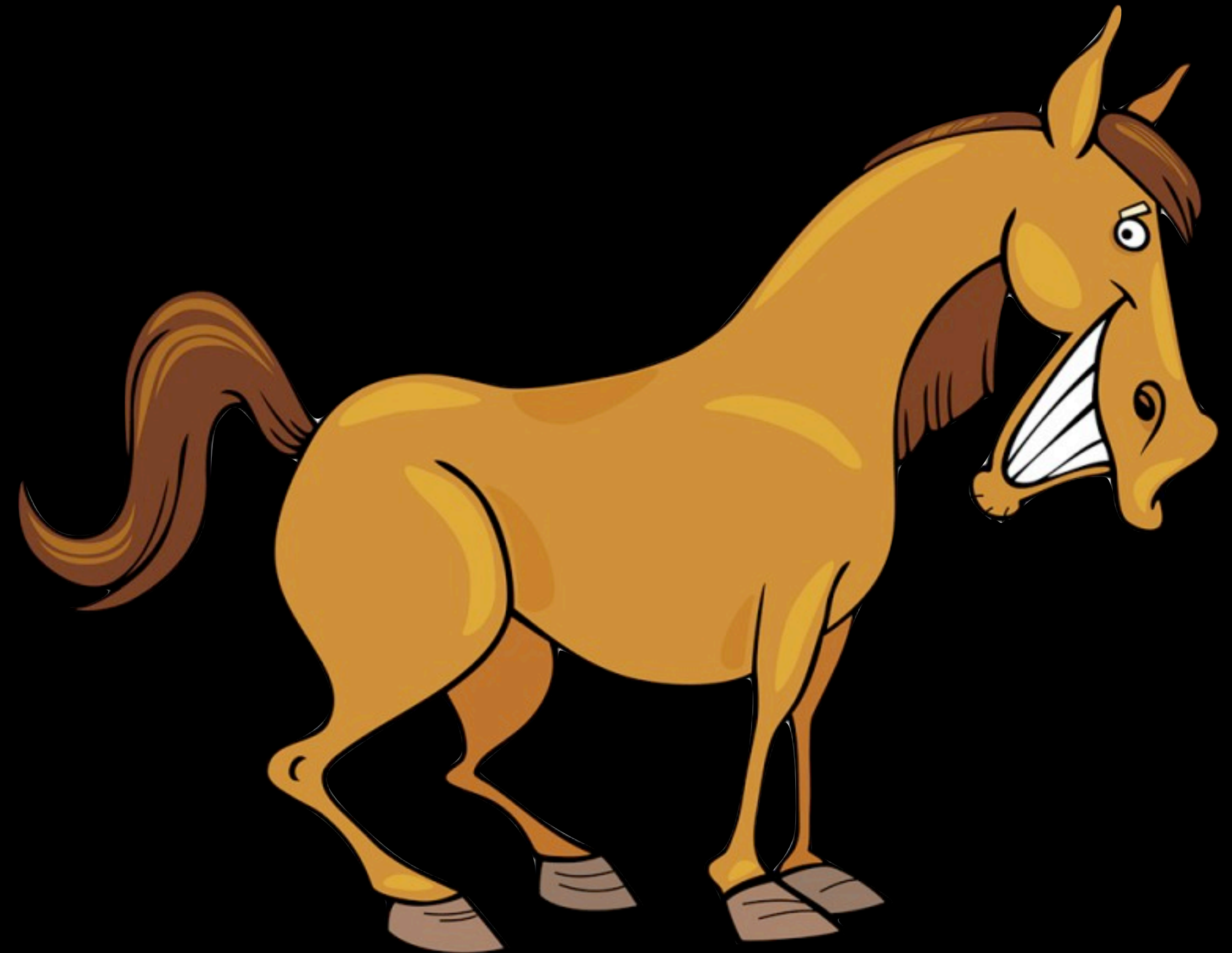


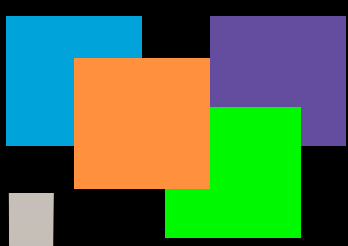
Stem Cells and Horses



Horse and Innovative Treatments

- Horse as an athlete
- Importance of locomotor problems
- Easy joint injections
- 'Medical fashion'
- Price of treatments
- Welfare and chronic treatments



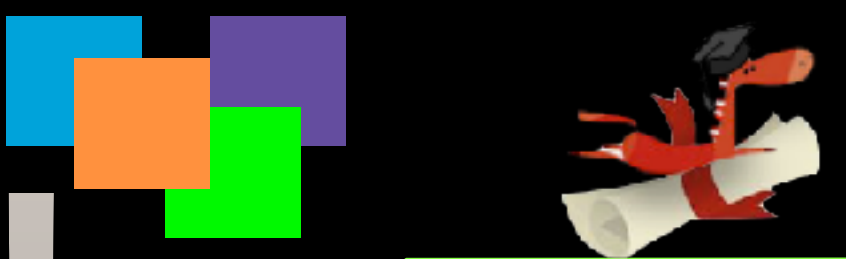


Stem Cells and Horses

Vet common ideas

- Expensive
- Serious and recurrent cases
- For athlete horses
- For tendons > joints
- Bone marrow // umbilical cord



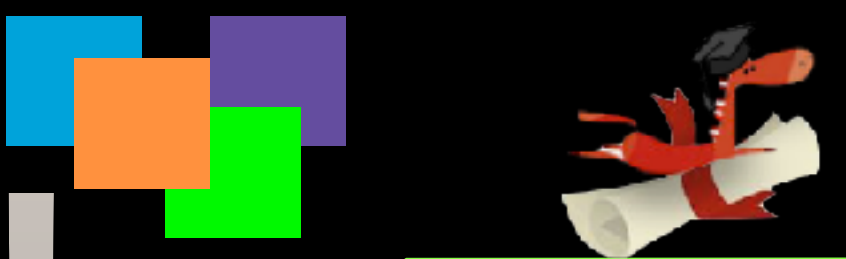


Field feedbacks from practice

Horstem Use

- Clinical efficacy feedback
 - Type of indications
 - Type of joints
 - Duration of effect
- Feedback on side effects
- Feedback on BMSC // UCSC



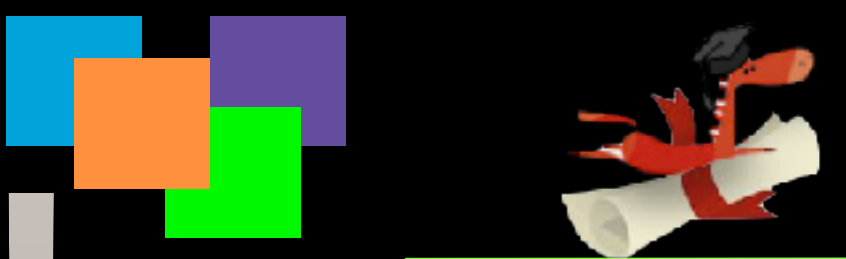


Field feedbacks from practice

Horses

- Working horses
- Locomotor exams
 - lameness 0 to 4 (AAEP)
 - Joint block +
- Imaging
 - Radio +- ultrasound

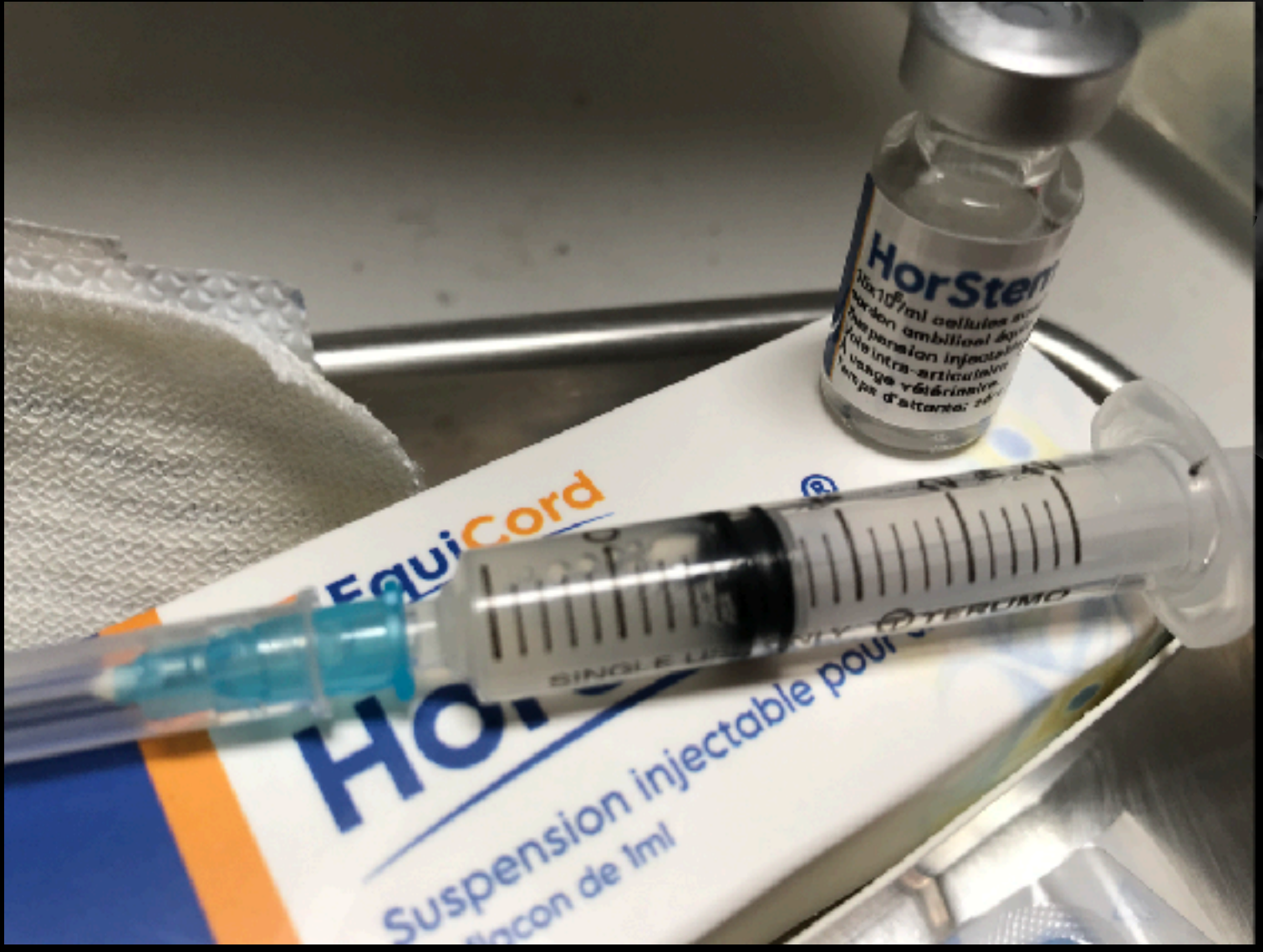


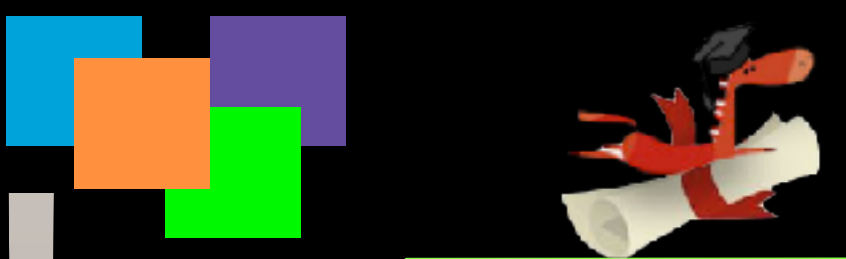


Field feedbacks from practice

Horstem

- Punctureable one dose vial
- Easy storage (fridge)
- IA injection

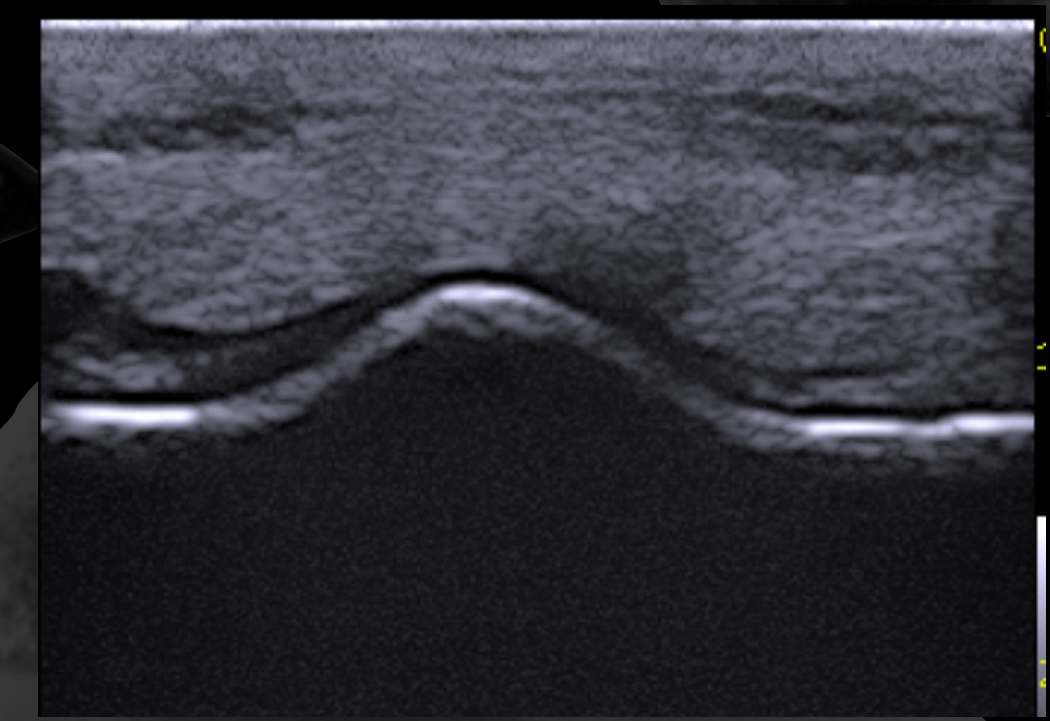


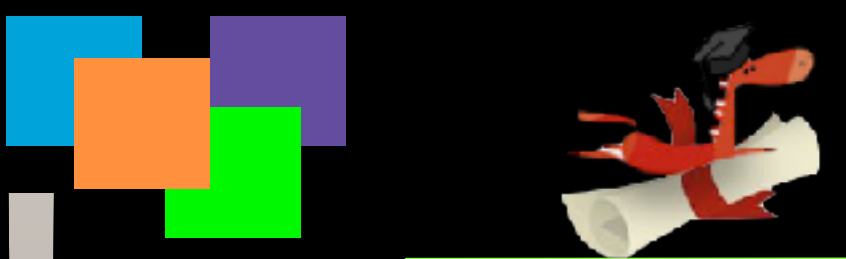


Field feedbacks from practice

Protocole

- Exam + imaging +/- diagnostic
- Injection D0 (+/- days for delivery)
- No concomitant treatment
- Controls D1 - D15 ... x months
 - Client, Vet
 - Side effects
 - Clinical efficacy

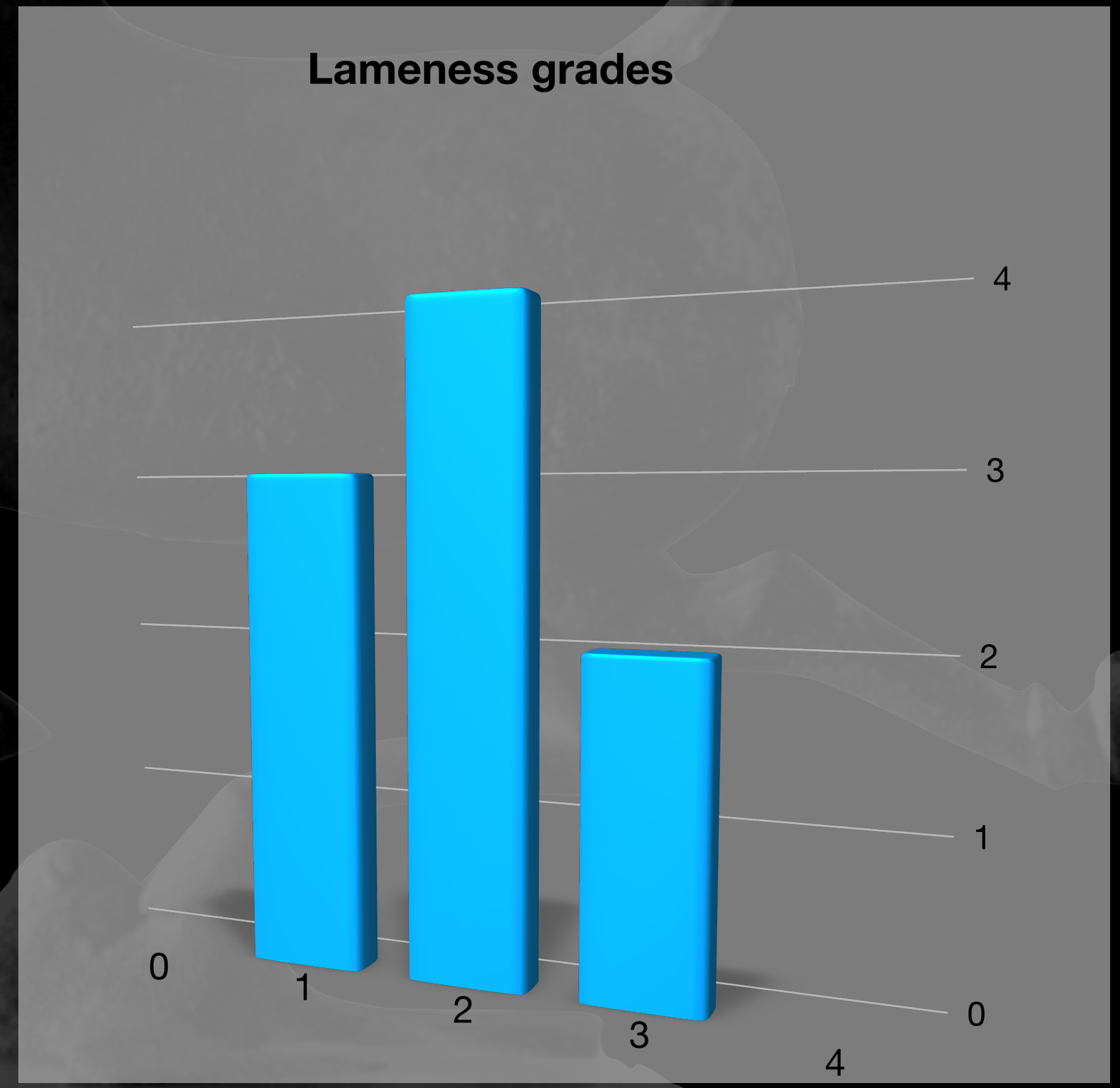
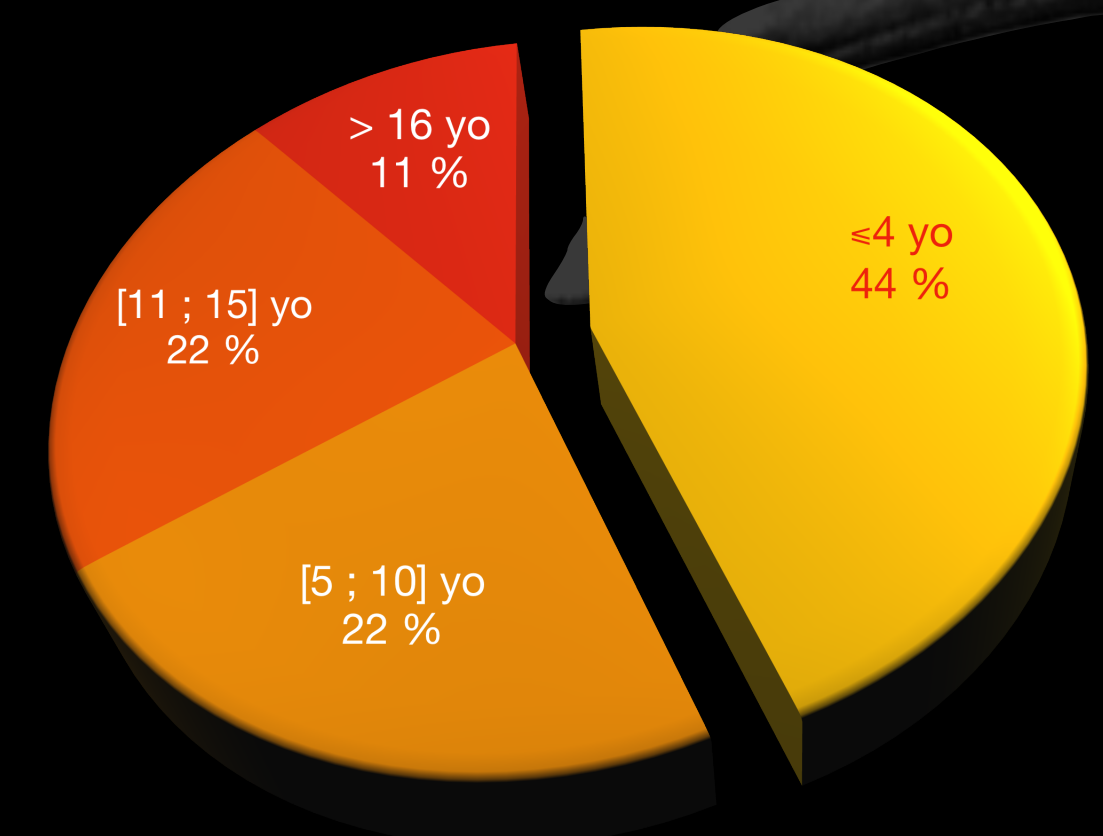
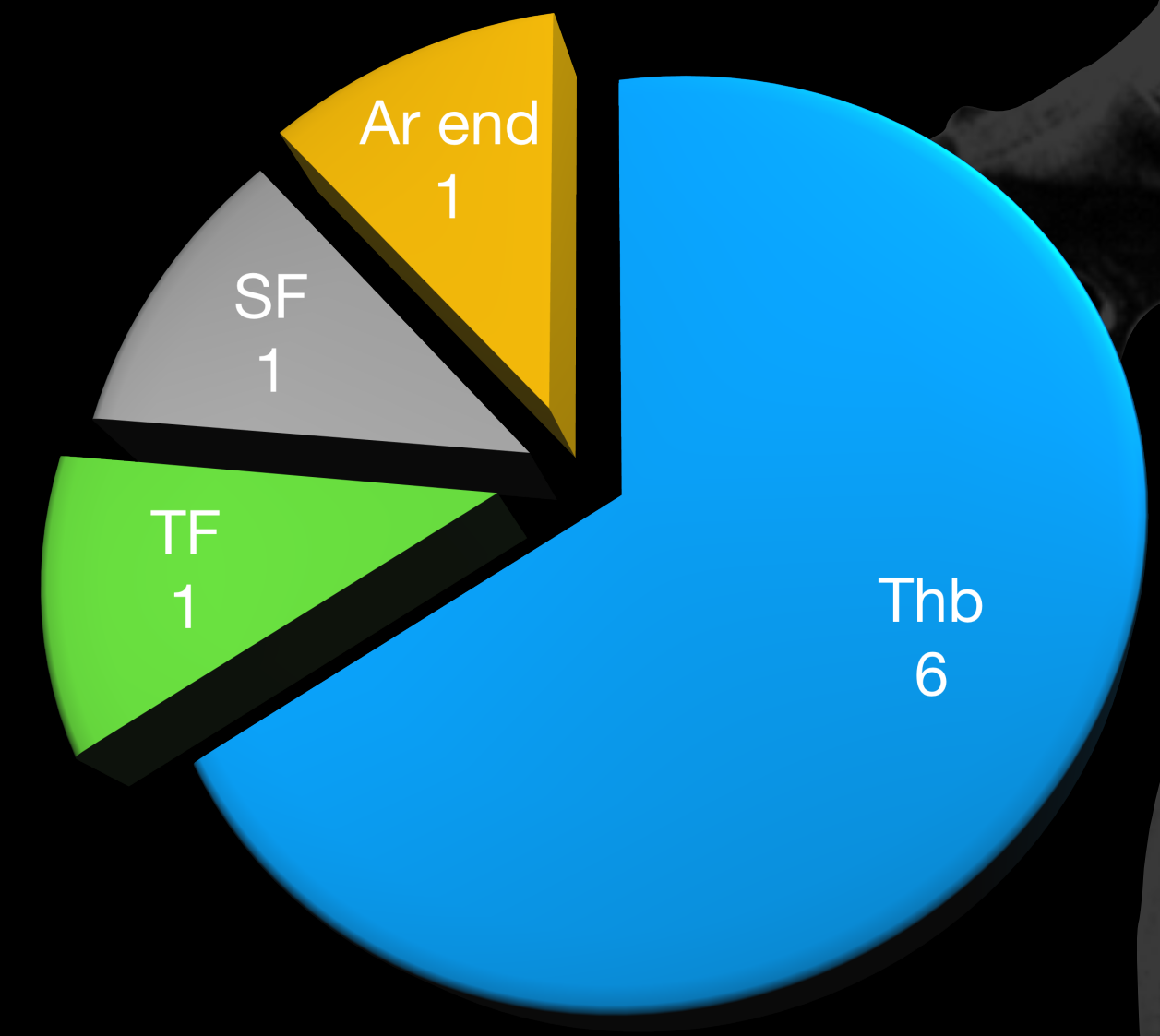


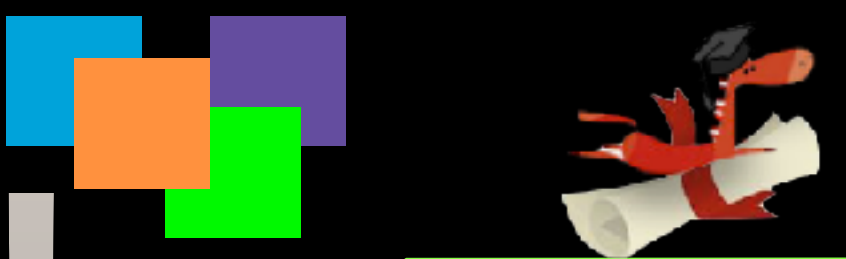


Results after Horstem's use

Horses

- 10 horses
 - 7 Thb, 1 TF, 1 SF, 1 Ar
 - 2 to 21 yo
- Lameness grades
 - 1, 2, 3

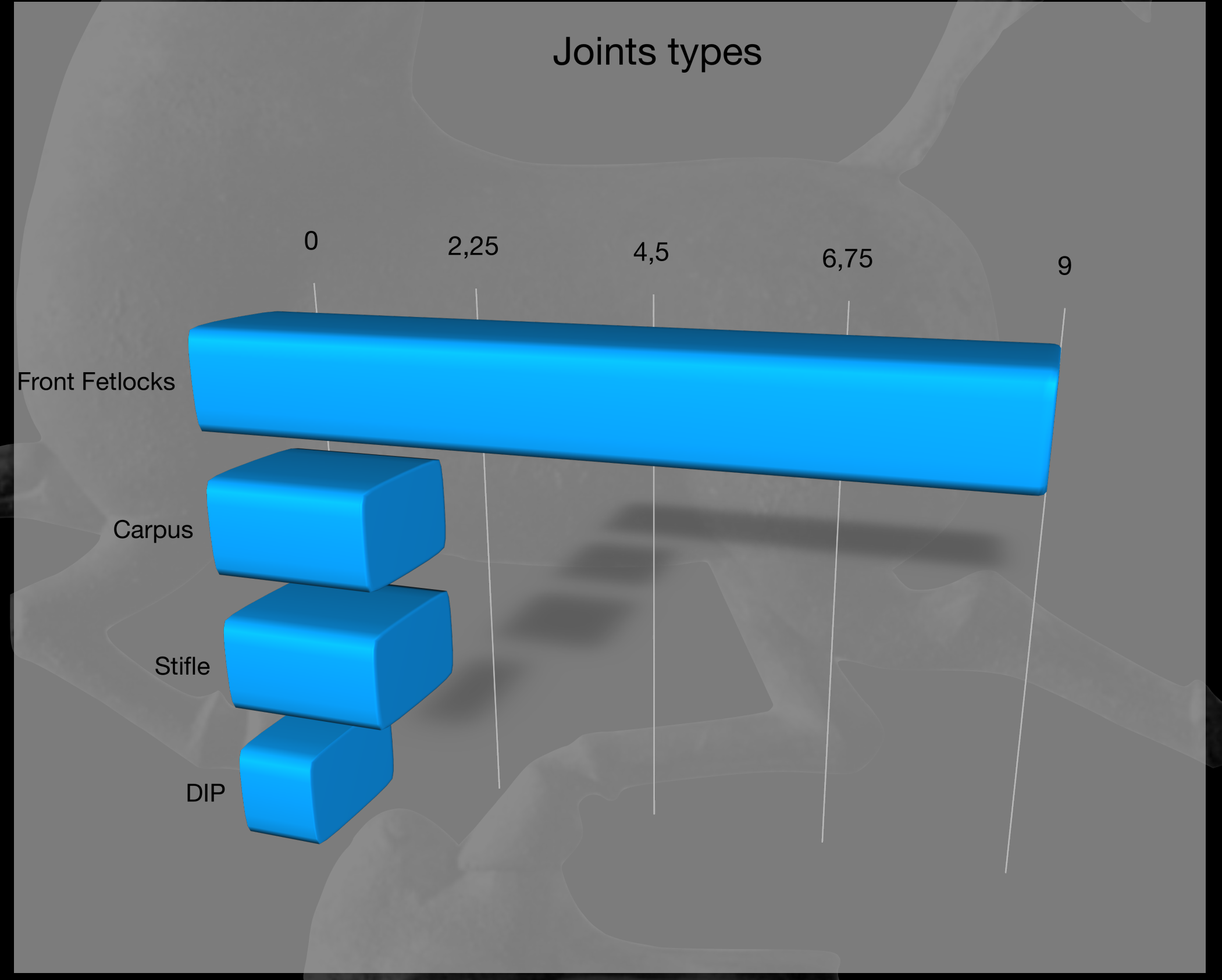


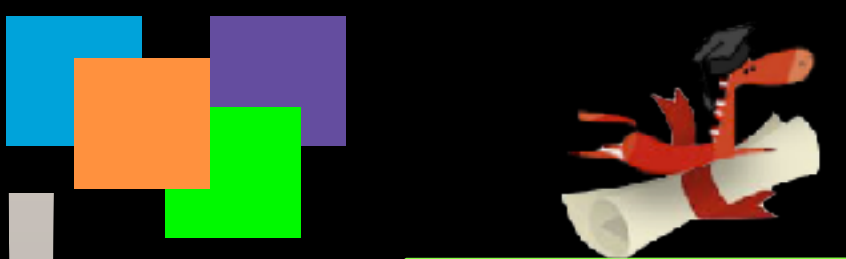


Results after Horstem's use

Horses

- 14 joints
- 9 front fetlocks
- 2 carpus
- 1 DIP
- 2 stifles
- 4 horses *2

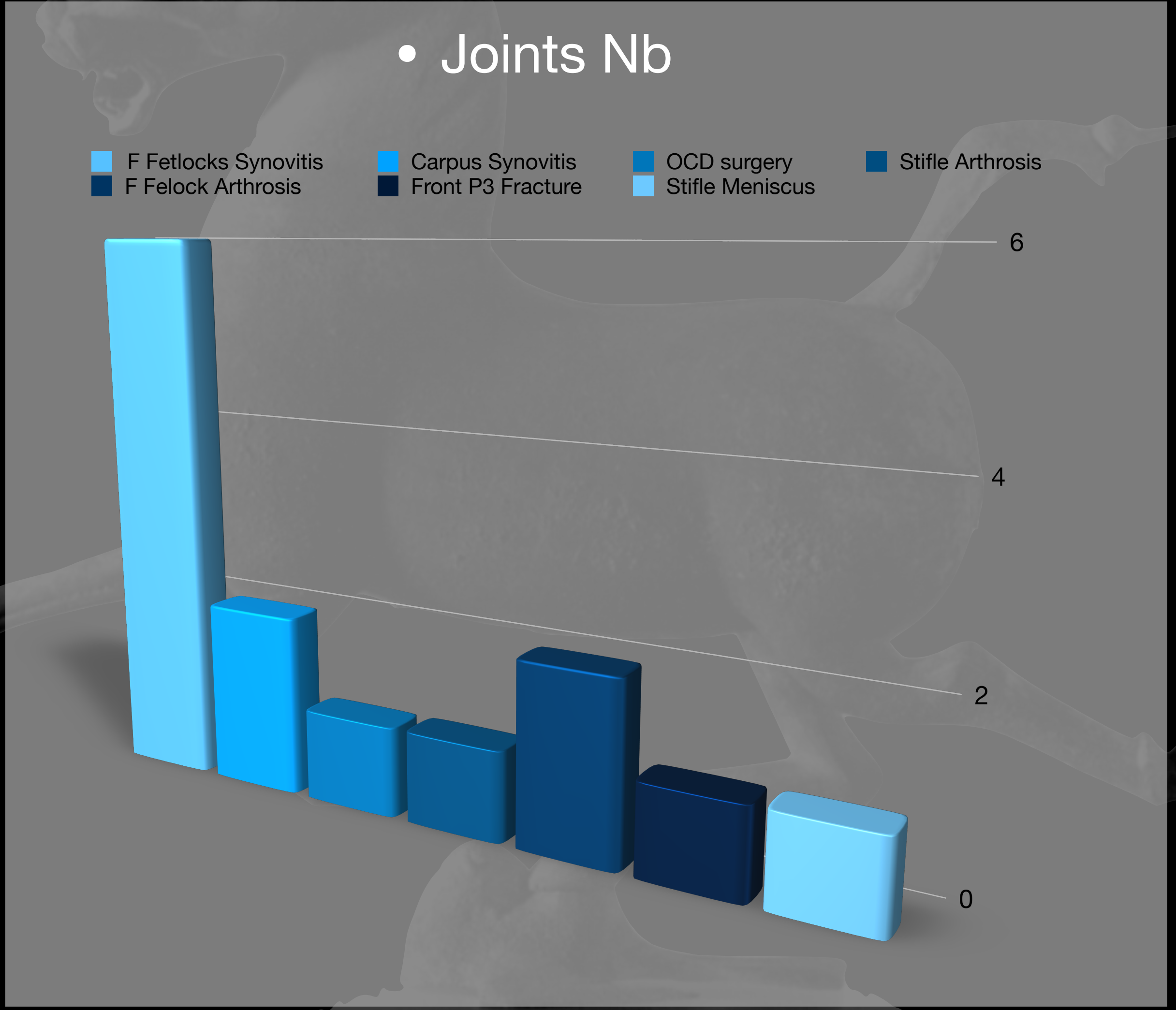


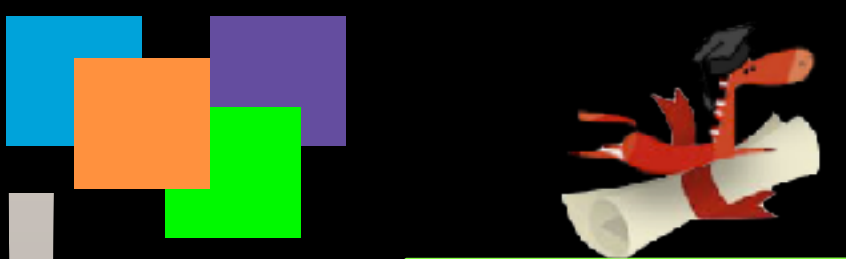


Results after Horstem's use

Horses

- Diagnostic
 - 8*synovitis
 - 3*arthrosis
 - 1*fracture
 - 1*meniscus
 - 1*OCD surgery



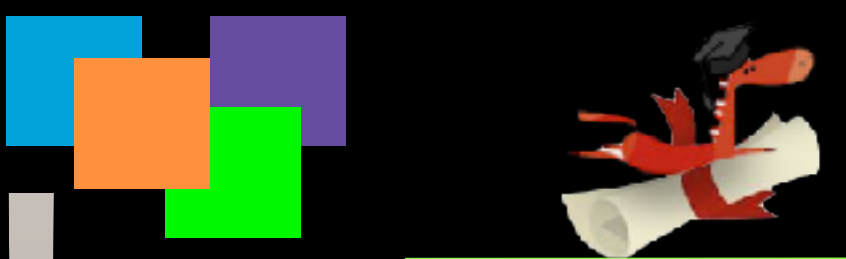


Results after Horstem's use

Horstem

- Punctureable one dose vial
- Easy storage
 - 2 weeks / fridge
- Easy order
- Availability +
- Price

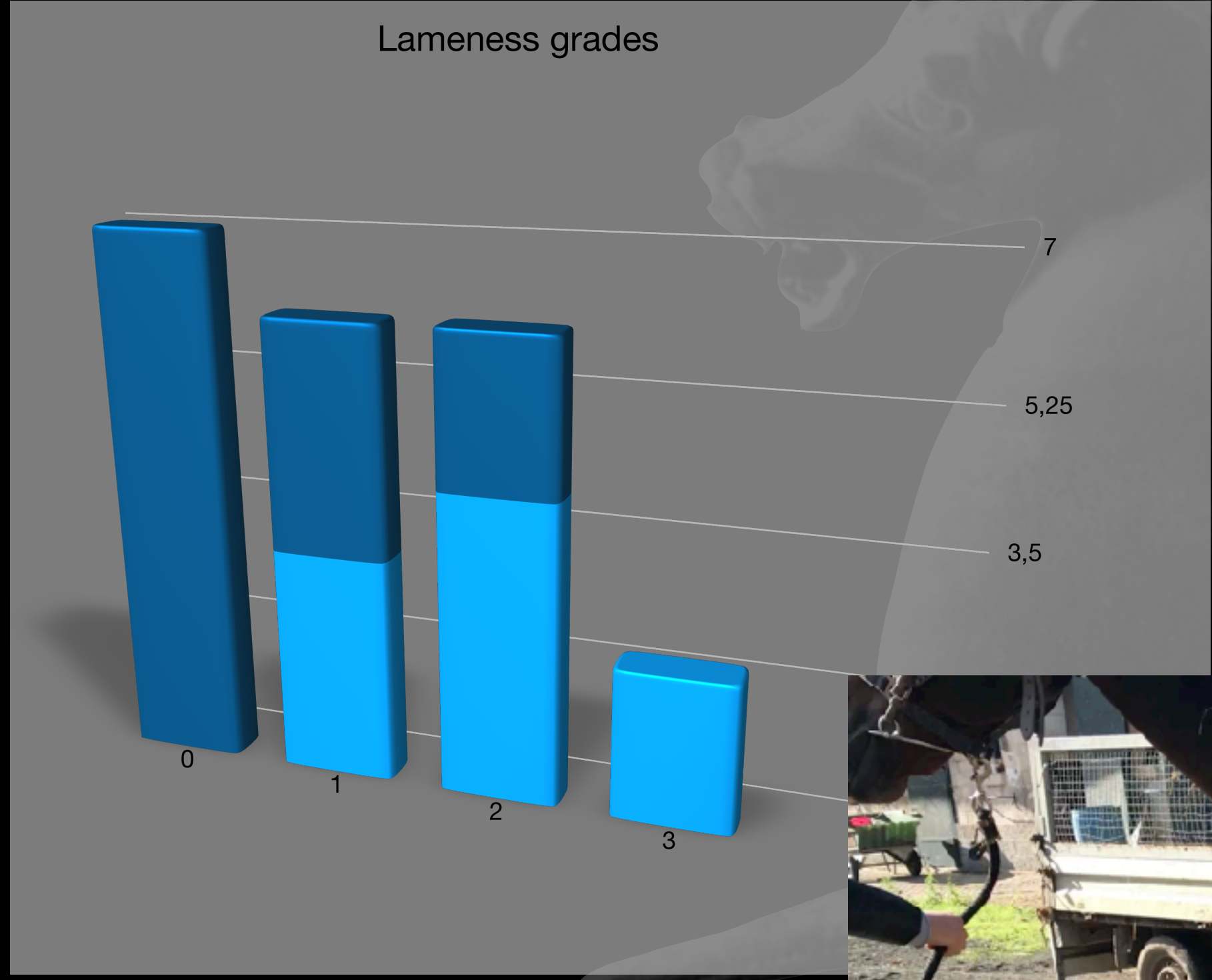


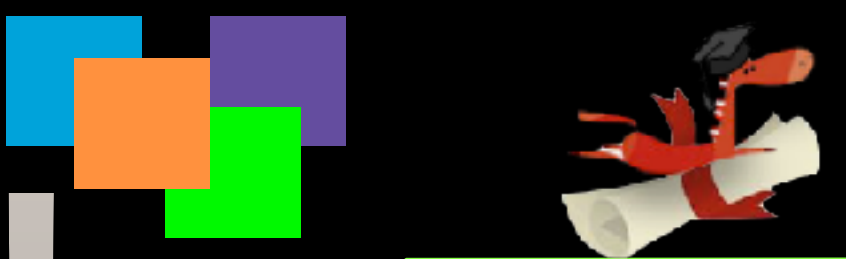


Results after Horstem's use

Clinical efficacy

- Locomotion
 - Joint flexion
 - Lameness
- Local signs
 - Synovitis
 - Local heatness





Results after Horstem's use

Side effects

- Local inflammation
 - Edema, heatness, pain
 - D2 -> D5 ... D15
- 9 chevaux / 10
- 12 joints / 14
- 100% without concomitant AI



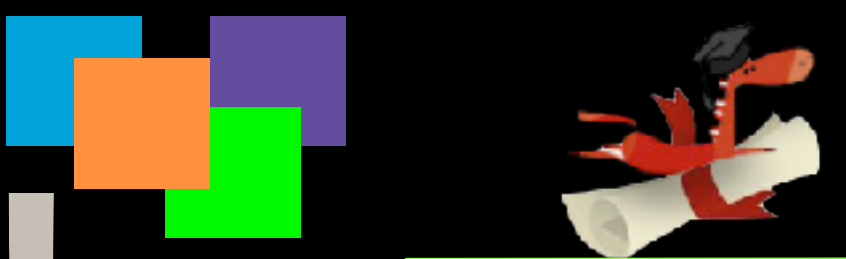


Results after Horstem's use

Side effects

- NSAID - Ketoprofène, PBZ
 - Effects diminution
 - Treatment > prevention (6+1 case)
- SAI - Dexamethasone
 - Effects disappearance
 - Treatment or prevention (2 cases)



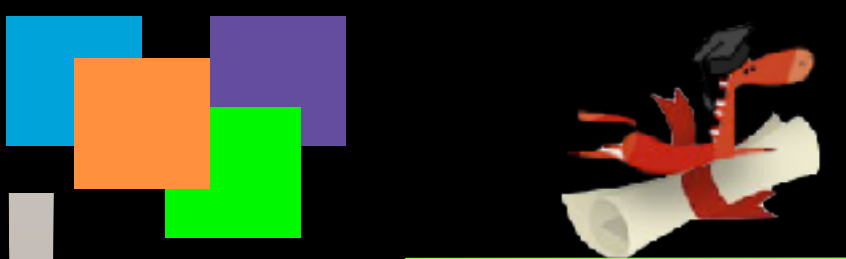


Discussion on Horstem's use

Advantages

- Clinical efficacy
 - Arthrosis +
 - Duration +
- 1 injection
- Easy use
 - Order + storage
- Market Authorization
- Client satisfaction





Discussion on Horstem's use

Disadvantages

- Side effects without AI
 - (D1) D2
 - Persistence -> D15
- Anticipate with AI
 - SAI > NSAI
 - 3 to 5 days
- Price
- IA injection





Horstem's use feedbacks

- Indications
 - Arthrosis ++
 - Not young horses ... ?
- Duration efficacy +
- Side effects
 - UCSC > BMSC
 - Anticipate with SAI (D0 to D4/5)
- Client satisfaction ++





Conclusion on Horstem's experience

Horstem's use



- Quality / price and profits / risks balance
 - Client information
 - + parenteral AI
- Ethics and welfare
 - Decrease joint injections
 - Long term effects / cartilage vs cortico ?



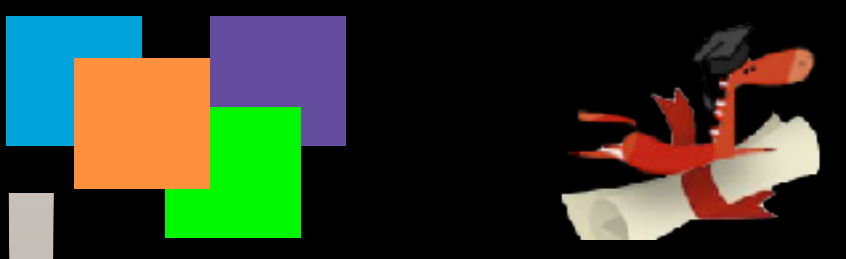


Conclusion on Horstem's experience

Horstem's use

- Price justification
 - Client satisfaction
 - Horse's welfare
 - Professional ethics
- Learn to sell ?
 - Client information



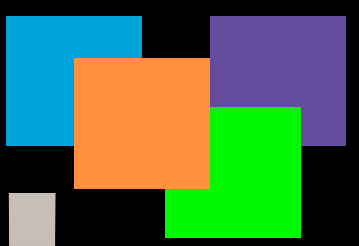


Horstem Horse's experience

I, Crack Boum, 21 years old !



What else ?



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