

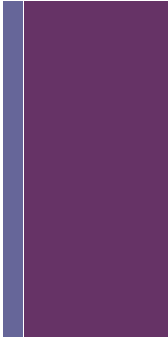
FEEVA

Vet Pharmacovigilance : Experiences in Horses



EMA London
FVE Nov 2016

+The Horse : center of a unique world



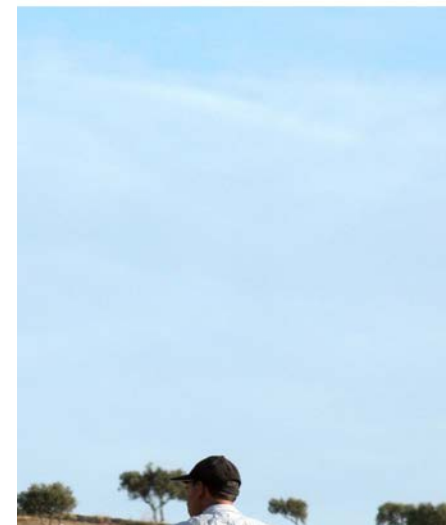


The Horse : a unique animal

MANY DESTINATIONS



- Working animal
 - Transportation
 - Field work
- Money maker
 - Equine industry
 - High level sport
 - Gambling



- Leisure
- God
- Food producer





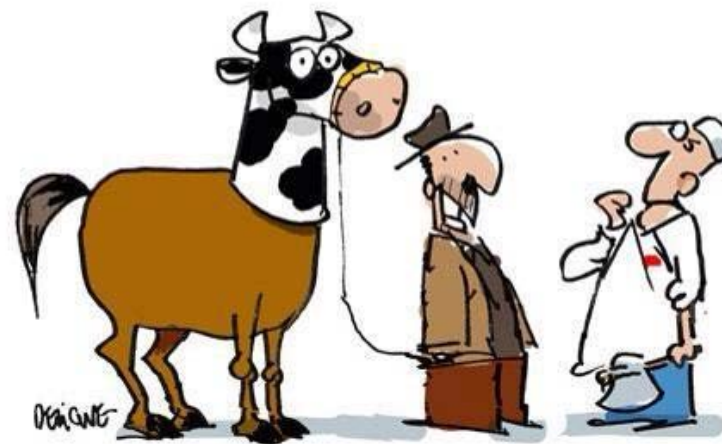
The Horse : a unique animal

FOOD ANIMAL



- Food animal
 - Meat producer
 - Breeders, slaughterers, butchers, consumers..., Vets
 - Specialized but Opened industry
 - Origin traceability

MARDI GRAS CHEZ FINDUS



- Minor species



The Horse : a unique animal

MINOR SPECIES

VET CHALLENGES

- Drug availability
 - Market authorizations
 - European / International market
 - Medical knowledge
- Vet Responsibility
 - Medical challenge
 - Vet competition
 - Horses value
- Legislation
 - LMR
 - Cascade
 - Antibiotics
 - EL
 - Exclusion
- 'Science'
 - Clients
 - Dreams

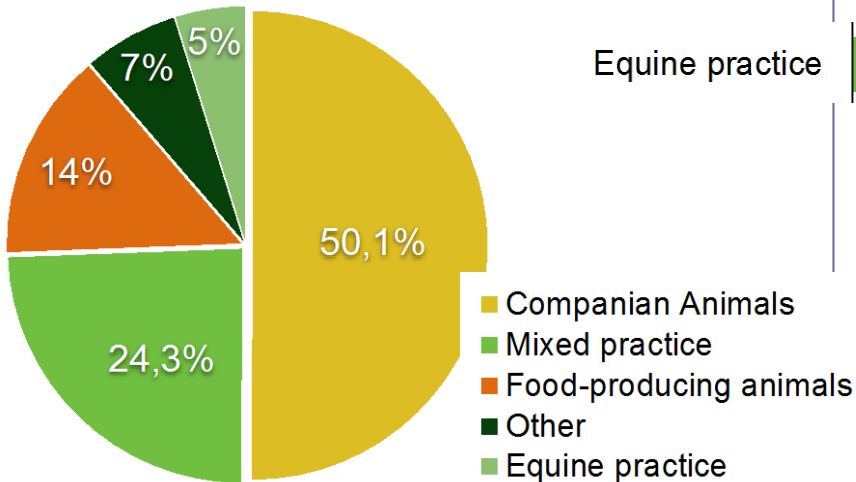


+ Equine pharmacovigilance : FVE, Europe



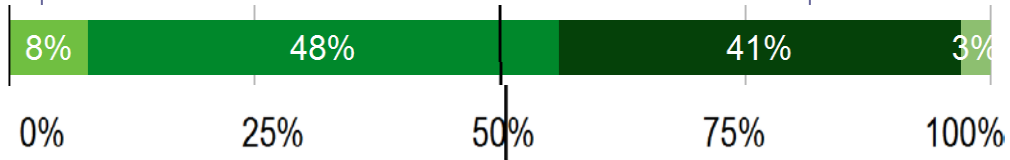
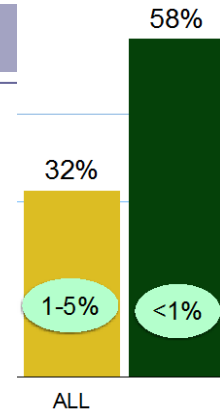
2015

- 3545 vet answers
- 668 France
- Horses
- 5%



2015

- Side effects
 - Sometimes (1%- 5%)
 - Rarely (<1%)
- Lack of efficacy



FEEVA



+ Equine pharmacovigilance : ANMV, France



2013

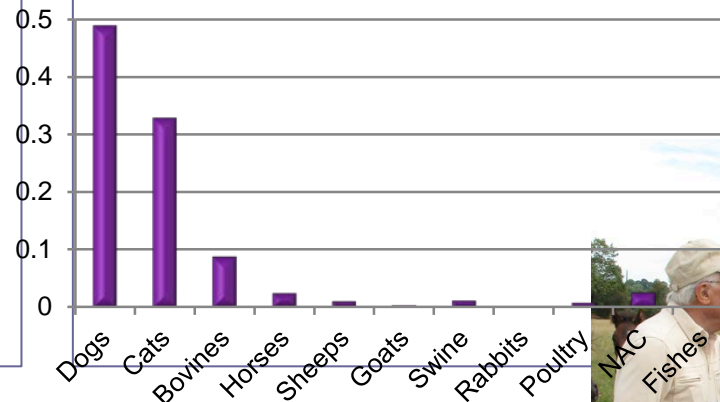
- 3190 declarations
 - side effects
 - 90% by vets
 - 83% small animals

- Horses
 - <3%

2015

- 3857 declarations – 98/horses
 - SA 81%>BV 9%>Horses 2,5%
 - Species #2 (#1=cats)
 - 1 declaration /8000 horses

ANMV 2015 declarations



FEEVA



+ Equine pharmacovigilance : ANMV, France



FEEVA

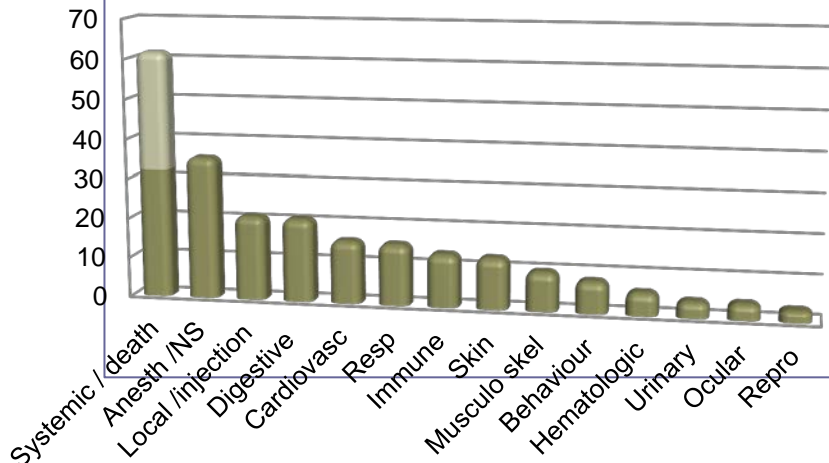
2015

- 98 declarations
- side effects
- 44 important
- 22 deaths

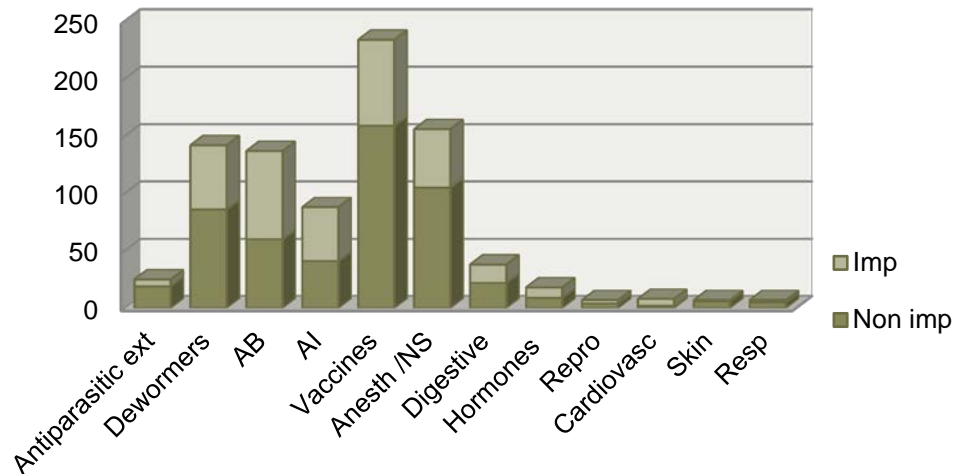
10 years : 2005 - 2015

- 657 declarations
- 1051 horses
- 349 imp
- 209 deaths

Equine side effects reported %



Imp equine reports/category



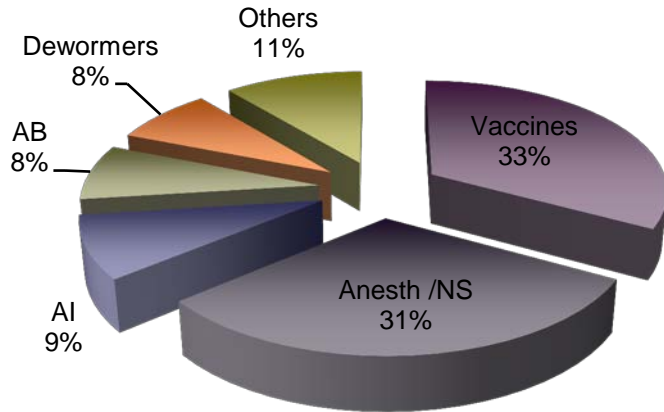
+ Equine pharmacovigilance : ANMV, France



2015

- 133 drugs
- 5 'top categories'

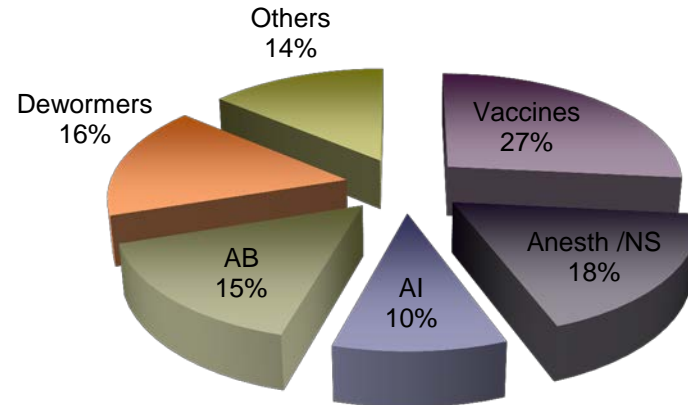
Drug category 2015



10 years : 2005 - 2015

- 214 drugs
- 5 'top categories'

Drug category 2005-2015



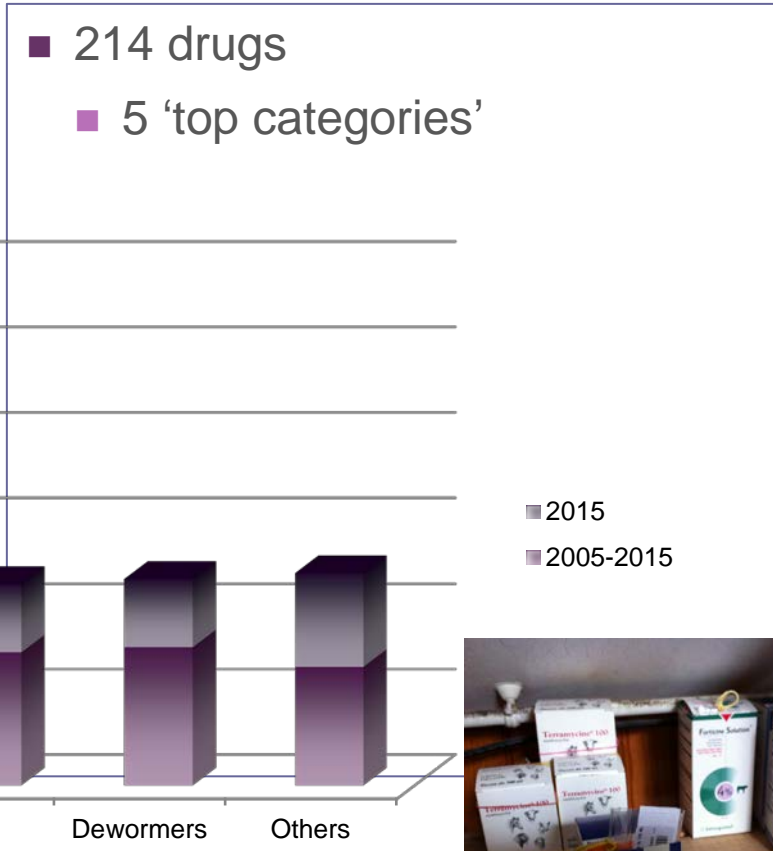
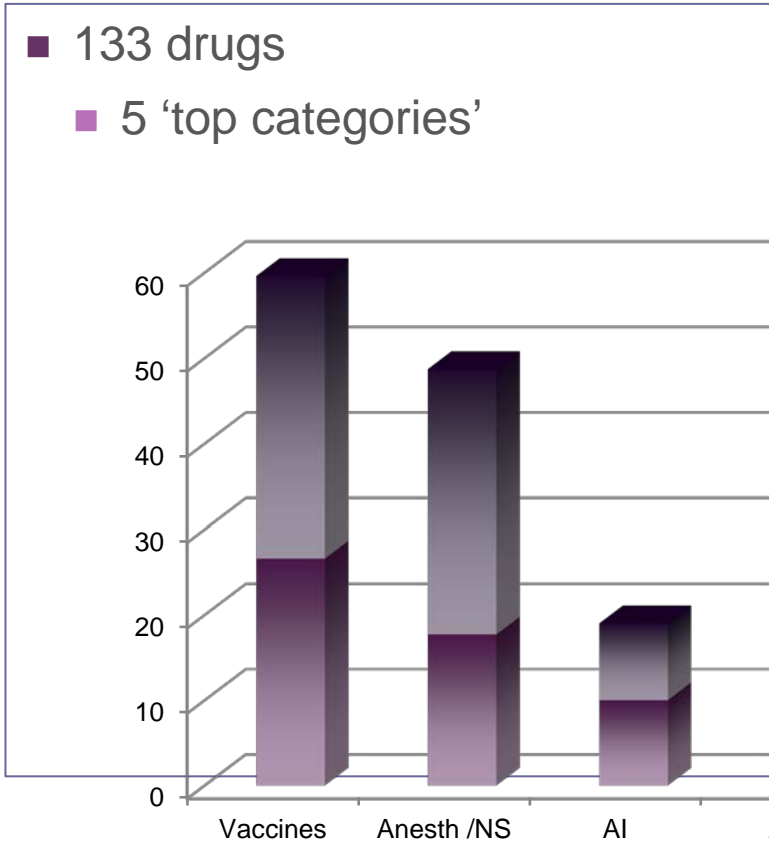
FEEVA

+ Equine pharmacovigilance : ANMV, France



2015

10 years : 2005 - 2015



■ 2015
■ 2005-2015

FEEVA



+ Equine pharmacovigilance : AVEF, France

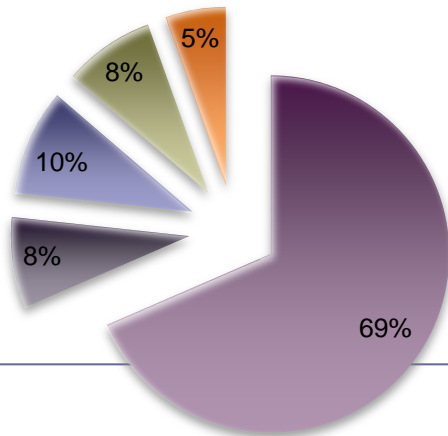


Nov 2016

- 73 vets / 24h
- 69% = pure equine practice

Equine practice %

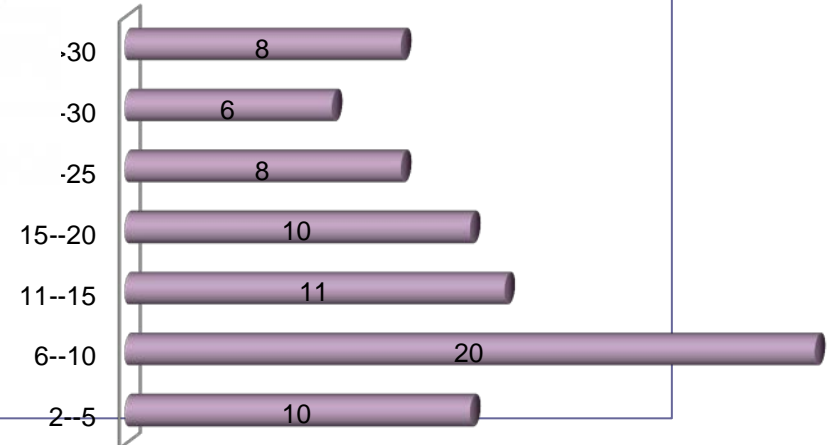
100% 75-90% 50-75% 25-50% <20%



Nov 2016

- Time in practice
- From 2 to >30 years

Years of experience



FEEVA

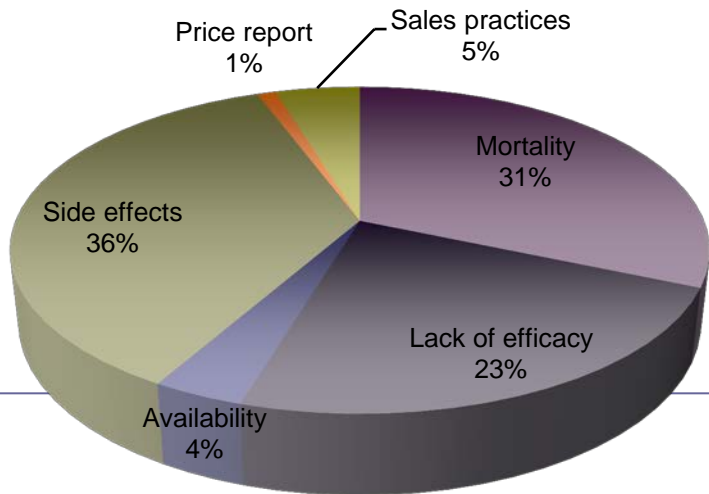
+ Equine pharmacovigilance : AVEF, France



Nov 2016

- What for ?
 - Side effects 70%
 - Mortality 31%
 - Lack of efficacy 23%

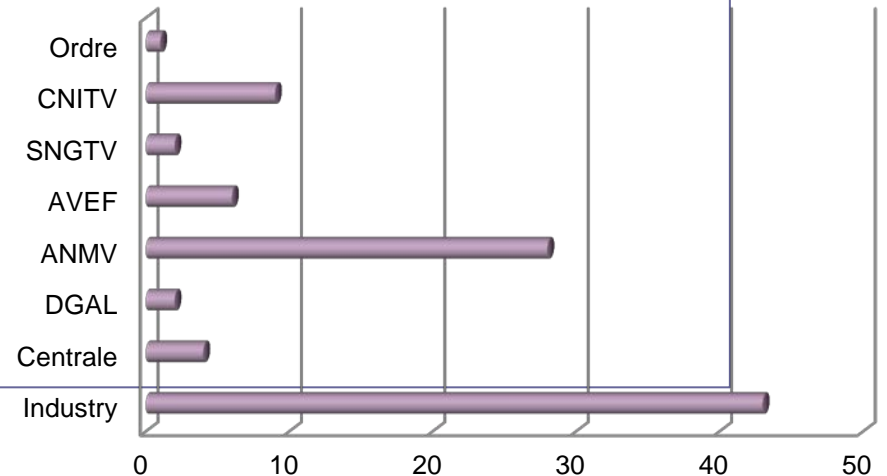
Pharmacovigilance



Nov 2016

- Where to declare ?
 - Industry 43%
 - ANMV 28%

Where to declare



FEEVA

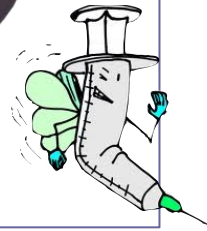
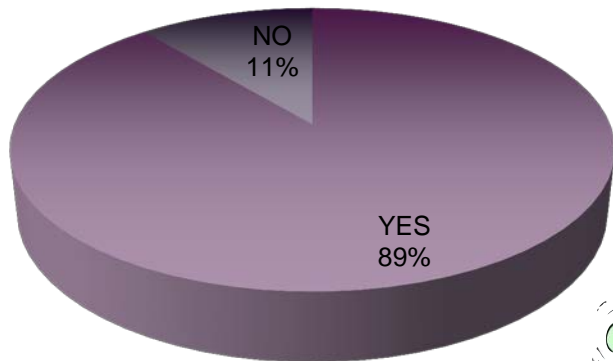
+ Equine pharmacovigilance : AVEF, France



Nov 2016

- Experience of drug problem
- Yes = 64%

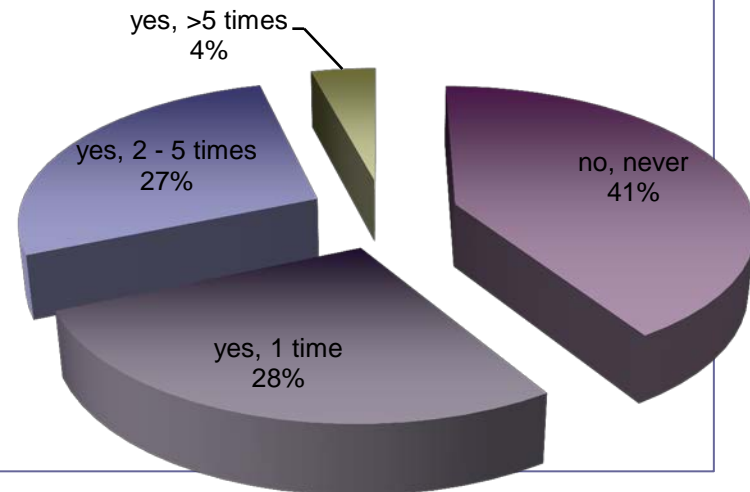
Drug problem



Nov 2016

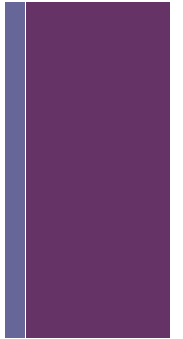
- Nb of declarations
- Yes = 57%

Nb of declarations



FEEVA

+ Equine pharmacovigilance : AVEF, France



Nov 2016

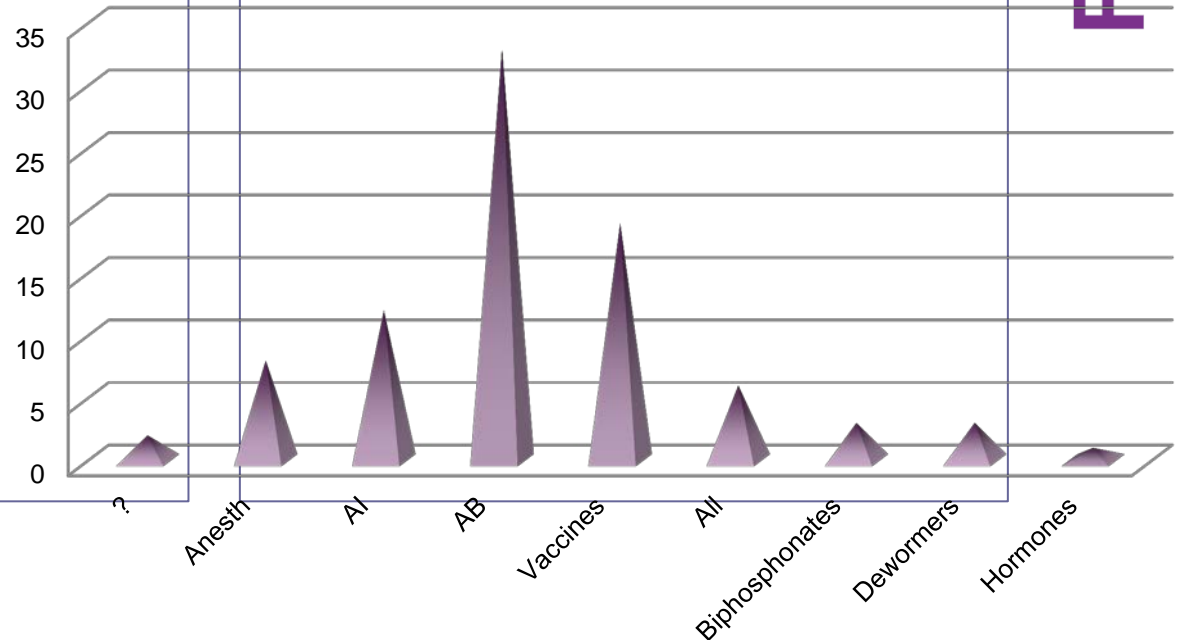
■ Drugs categories

- AB = 35%
- Vaccines = 19%
- AI = 14%
- Anesthetics = 9%



Nov 2016

Drug category



FEEVA

+ Equine pharmacovigilance : AVEF, France



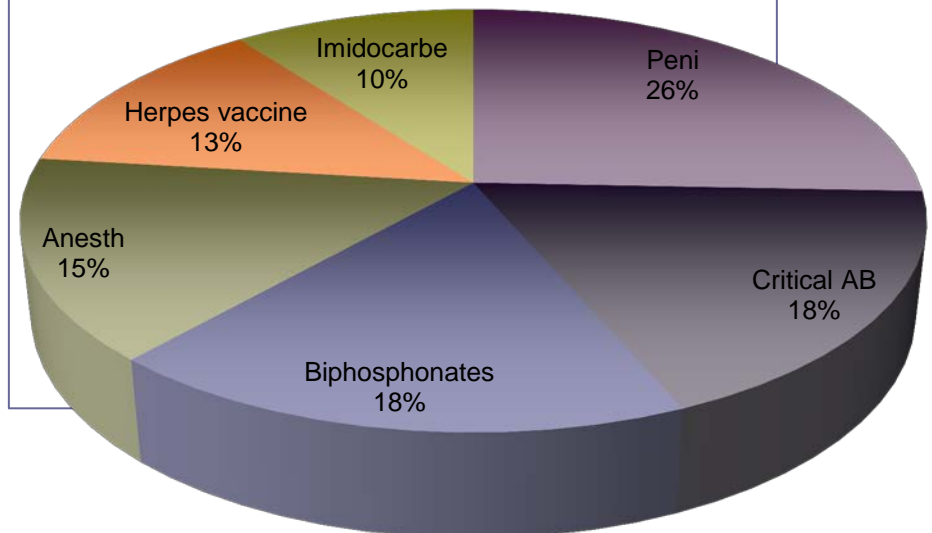
Nov 2016

- 60 molecules reported
- Top 6 drugs
 - Penicillin 10/60
 - Critical AB 7/60
 - Biphosphonates 7/60
 - Anesthetics 6/60
 - Herpes vaccines 5/60
 - Imidocarbe 4/60



Nov 2016

Top 6 drugs



FEEVA

+ Equine pharmacovigilance : AVEF, France



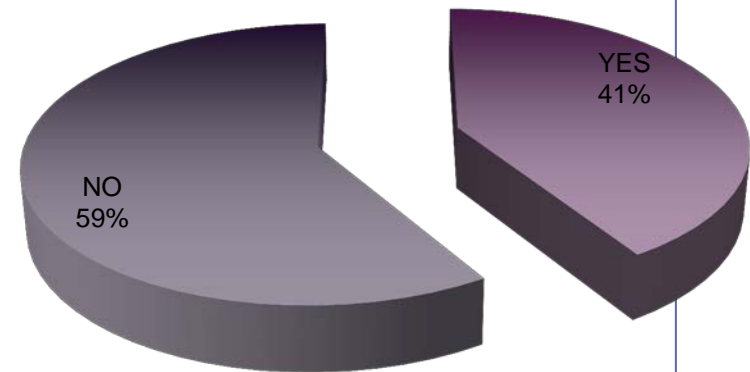
Nov 2016

- Comments by vets
 - Lack of answer back
 - Too much time to report



Nov 2016

Answer back



FEEVA



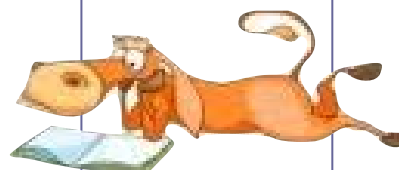
Pharmacovigilance in Horses

In Practice



NOW

- Reports by vets
 - Time to report
 - Increasing interest
 - Responsibility
 - Out of label drug uses ...



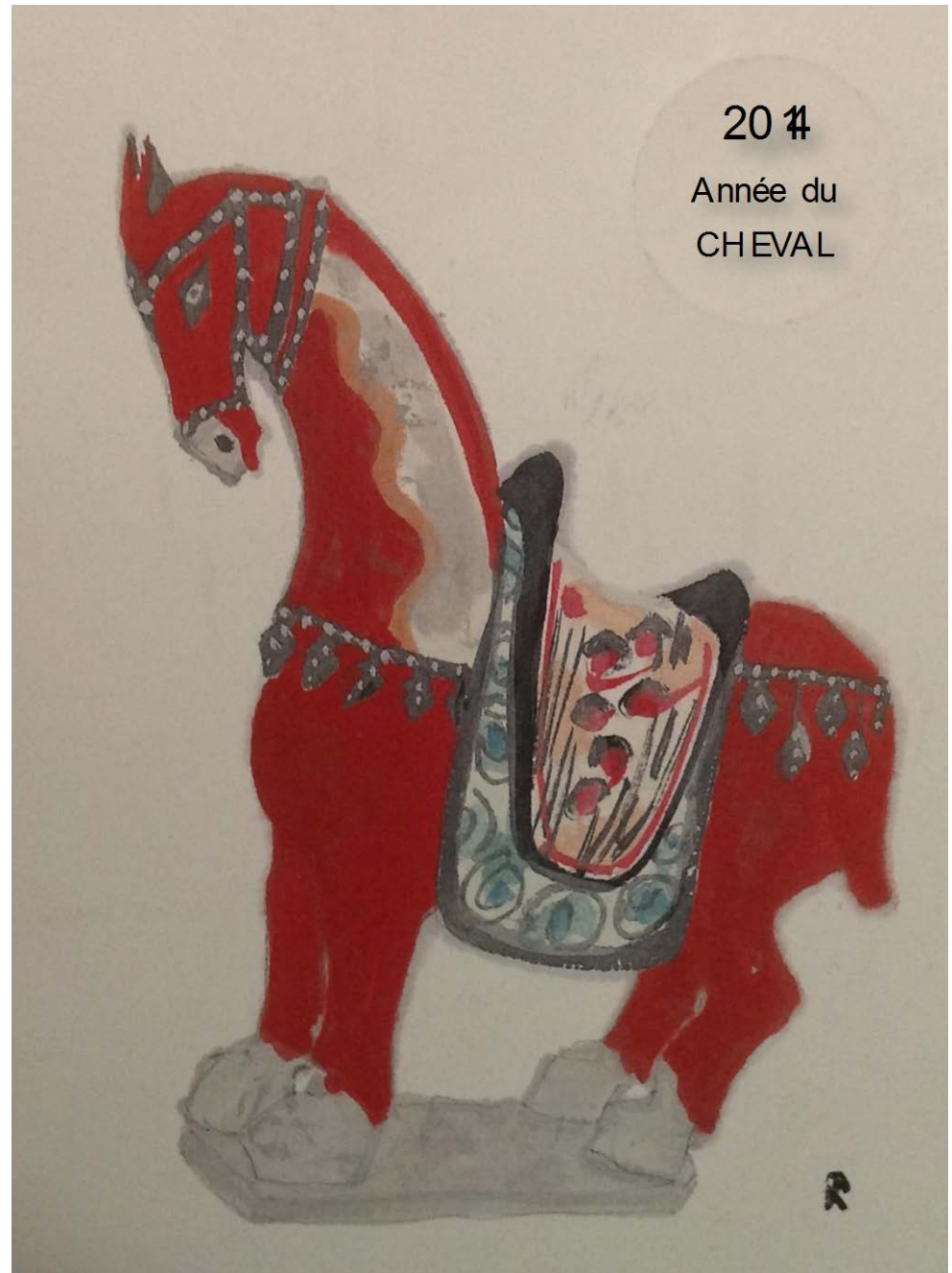
FUTURE

- More reports by vets
 - Help by technical associations?
 - Scientific papers
 - Save + more drugs / horses



Equine Pharmacovigilance

- ✓ Horse's welfare
- ✓ Vet position
- ✓ Public health





THANK YOU

FEEVA



Treat better !

Claire Scicluna



ÉNGEMENT
DU TERRITOIRE