

The veterinarian as a 'pharmacist' in the Netherlands

Traceability of VMP

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Farm animals

Cattle	2,2 million
Veal calves	1,1
Swine	11,4
Poultry	110
Horses	0,5



The Netherlands

5000 veterinarians
2900 practitioners
1000 veterinary clinics
330 state veterinary officers



1993 Newcastle Disease
1997 Classical Swine Fever
2001 Foot & Mouth Disease
2003 Avian Influenza
2007 Bluetongue



Europe is united

... except in some minor issues ...

..... like

.... veterinary pharmaceutical products



Since 'ancient times' the Dutch vet has the right to dispense VMPs as an extension of his/her veterinary work.

That means

..... selling VMP!



'Pharmacist'

Which is something different than *being* a pharmacist!



A pharmacist is a person qualified by university graduation who is allowed to sell pharmaceuticals to the public,

authorised to do so by

the *prescription of a veterinarian.*



Practice turnover dependency of pharmaceutical sales:

10 – 60 %

Average 40%



Categorisation VMP

- UDD
- UDA
- URA
- Free



Categorisation VMP

UDD

- Administered by vet only
- Not for sale to the farmer/owner
- (most) vaccines, anaesthetics, new drugs



Categorisation VMP

UDA

- Administered by vet or farmer
- Bought at the veterinary practice or pharmacy with prescription of veterinarian
- Antibiotics, Corticosteroids, NSAIDs, hormones (PG, releasing etc)



Categorisation VMP

URA

- Administered by vet or farmer/owner
- Bought at veterinary practice, pharmacy or licensed trader
- Anthelmintics (endogene), antiflogistics



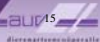
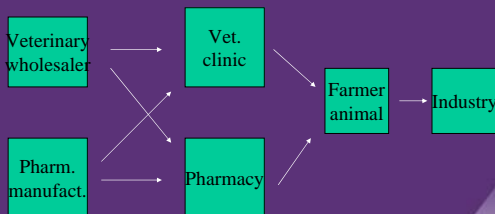
Categorisation VMP

OTC

- Administered by vet or farmer/owner
- Over the counter sales by licensed trader
- Vitamins, iron, Ca/Mg



VMP-track



Directive 28/04/EU

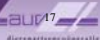
- All VMP, administered to food-producing animals are POM (Prescription Only Medicine)
- (Except a few, so called nonPOM)
- Prescription is made by a qualified person



Implementation in Dutch legislation

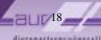
- UDD POM
- UDA POM
- URA POM
- Free nonPOM

- Qualified person is the veterinarian exclusively



Implementation in Dutch legislation

- Farmer who does not want to buy a VMP from his own vet, asks the practitioner for a prescription
- After having visited and examined the sick animal(s) the vet diagnoses the disease and makes a prescription



- Farmer delivers the prescription at a pharmacy and receives the VMP
- UDA (antibiotics) for maximum a month
- URA (anthelmintics) for maximum a year
- The pharmacist keeps the prescription in file for at least five years



Prescription requires at least:

- date
- name and registration number VMP
- species
- amount of VMP
- name and address veterinarian
- name of the farmer, address and unique code
- withdrawal time
- signature veterinarian



Prescription

- Signature is 'wet'
- No fotocopy
- No fax
- No email
- (In the future may be an electronic signature will be allowed)



Traceability

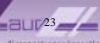
The veterinarian is responsible for the traceability of the dispensed VMP

That means (s)he has to take care of



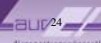
Traceability

- Registering the batch number of the VMP bought from the manufacturer or wholesaler
- Registering the batchnumber when he sells the VMP to the farmer/owner
- Registering the batchnumber if he administers the product to an animal himself
- Producing ante mortem forms



Traceability

In order to be able to perform a recall 'in case if'



Traceability

Because sometimes things

..... go

..... very

..... **Wrong!**



IBR disaster

- Eradication of the disease
- Vaccinating all bovines in the country
- 12 farms all animals died
- Vaccine turned out to be contaminated by high virulent BVD
- Over 7000 farmers claimed

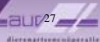


IBR disaster

- The manufacturer
- The national veterinary health department

And of course

The veterinary practitioner!



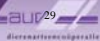
Responsibility

- Responsible means liable
- Liability does not necessarily include guilt!
- General Food Law since 2002. Veterinarian is not a part of the foodchain, but the farmer surely is.



T&T

- This makes Tracking and Tracing of VMP a crucial task for the veterinarian.
- System 'by hand'
- Electronical systems



New legislation triggers new concepts

- Pharmacy starts with VMP
- Pharmacy starts with own veterinarians
- www.cheapestVMP.com
- www.theveterinarian.com



The future of the European veterinary practitioner.

- Claiming a strong position in animal origin food production
- Taking responsibility for veterinary actions as well as for supplying and administering VMP
- Working transparent to reach this aims
- Tracking and tracing of VMP herefore is basic



Hominium Animali Saluti

