Contribution of a private veterinary organisation

Christophe BRARD, 15 March 2013, OIE
SNGTV: The French National Society of Veterinary Technical Groups

- A veterinary organisation in the technical field
- **Purpose**: to develop and promote the competencies of veterinarians involved in animal production in France
- An association: federation of departmental (county) and regional veterinary technical groups (GTV)
- In 2012: 2240 members (i.e. 90% of veterinary practices involved in animal production)
The SNGTV’s missions

- Continuing training
- Technical representation of veterinary practitioners
- Developing and making available to veterinarians:
  - services
  - tools and methodologies for their on-farm interventions
- Through 16 technical commissions:

- Beekeeping
- Aquaculture
- Poultry
- Goats
- Rabbits
- Environment
- Epidemiology
- Equidae
- Medicines
- Sheep
- Parasitology
- Pigs
- Milk quality
- Suckler cows
- Dairy cows
- Slaughter calves
Running and supervision of the network of private veterinarians mandated to act on behalf of the State (vétérinaires sanitaires)

Involvement in:
- setting up of epidemiological surveillance networks
- prioritisation of targeted diseases and species
- analysis of health risks
- design of control strategies
- management of sanitary crises
The SNGTV, a key player in national policy on animal health (2)

- Development of information systems and management of animal health databases
- Design of guides to good practice and formalised animal health plans for farms
- Expertise in training and communication media
Appropriate use of veterinary medicines

- This has been one of the SNGTV’s priorities for many years

- The regulatory situation in France enables veterinarians to supply the medicines they have prescribed for their clients’ animals
Guide to good practice in use of veterinary medicines

Based on an analysis of risks:
- For animals, humans and the environment
- At all stages in the “life” of a medicinal product

Operational interpretation of regulatory provisions, in the form of thematic information sheets

Practical solutions for implementing good practices in veterinary practices and groups

Reference standards for quality procedures

Available for all veterinarians at www.sngtv.org
Guide to good practice in use of veterinary antimicrobial therapy

Drafted in 2009, for the use of veterinarians
- Includes international codes of practice
- Guidelines on appropriate use of antibiotics

The Guide is presented in the form of recommendations by pathology and production sector
- Emphasis on the need to limit the use of antimicrobials
- Description of situations where antimicrobials can be avoided, examinations to establish the diagnosis and choice of treatment
- Updated according to the context and scientific advances
Veterinary guidelines on treating bovine mastitis (2013)

From a public health and antimicrobial resistance perspective

Strategies and decision trees

Prudent prescription, for treatment

- of clinical mastitis in lactating animals
- of subclinical mastitis in lactating animals
- at drying off

Prudent prescription for preventive purposes in dry cows

Training and communication plan
Example: Decision tree for first-line treatment of clinical mastitis with systemic signs

Clinical mastitis with systemic signs
Clinical examination: clinical score ≥ 3

Antibiotic treatment
- Spectrum: Broad Gram+ and Gram-
- Intra-mammary route: Broad spectrum
- Systemic admin.: target Gram- with 2 options

Priority: efficacy
- Widespread
- Control of IMIs
- Fluoroquinolones
- TMP sulphonamide

Priority: safety
- Limited spread
- Control of bacteraemia
- Aminosides
- Colistin

Treatment for inflammation
- NSAIDs
- Possibly SAIs if persistent local oedema

Fluid therapy
- 1st treatment: hypertonic saline solution
- If state of shock persists:
  - Isotonic saline solution
  - Calcium
  - Bicarbonate
  - Glucose

Additional measures
- Frequent milking, oxytocin
VETELEVAGE® software package (1)

→ 3 complementary applications
→ Monitoring of prescription and use of medicines
→ VETELEVAGE® facilitates monitoring of herd health:
  - Computerised register shared by the farmer and the veterinarian
  - Veterinarian: interventions, prescriptions
  - Farmer: interventions, treatments administered
VETELEVAGE® software package (2)

➔ VETOEXPERT®:
  – Application for monitoring herd performance: reproduction, milk production, feed

➔ VETESTEL®:
  – Management of animal health assessments, treatment protocols and advisory visits
  – Analysis of medicine use, economic losses, cost of diseases
  – Individualised monitoring of antibiotic prescriptions and consumption

➔ Applications currently operational for bovine production; adaptation to other species in the years ahead
MASTIPLAN Boîte 20 inj

20 seringues

Type d'ordonnance
- Délivré
- Administré
- A délivrer
- Autre

Quantité 1,00
Posologie 1,00

Fréquence d'administration
- matin
- midi
- soir
- Intervalle (en jours) 1

Durée et début du traitement
- Pendant 2,00
- Jours + 1/2
- à partir du 05/03/2013
- Matin
- Avant la traite
- mardi 05 mars 2013 matin (après la traite) au mercredi 06 mars

Délais d'attente (en jours)
- Lait 5,5
- Viande 4,0

Injecter le contenu d'un applicateur intramammaria dans chaque quartier infecté, par le canal du trayon immédiatement après la traite, à l'issue de 4 traites successives à 12 heures d'intervalle. Chaque applicateur contient 300 mg de cefapirine et 20 mg de prednisolone. Effectuer une traite
GTV Congress ("Journées nationales")

→ 2010: **Main theme** of the Congress: antimicrobial therapy and antimicrobial resistance

→ Topic now dealt with every year

→ 2013: General topic: prevention
  - Aim: to reduce pathologies and consequently treatments
  - Specific workshop:

  **Médicament vétérinaire**
  Antibiorésistance, Écoantibio2017
Fact sheets on good antibiotic practices

- Fact sheets on antibiotic treatment in cattle
- Sent to all veterinarians working with livestock, following the Congress “JNGTV 2010”
- Reminder of the main characteristics of the available families of antibiotics and their use in the major syndromes
The GTV Bulletin

- French language, peer-reviewed journal on continuing training
- All animal production sectors
- Feature articles
- Dossiers:
  - Antibiotic resistance in animal health and public health (June 2009)
  - Rational use of antibiotic treatment (December 2010)
  - Antimicrobial resistance and vet. prescription (May 2012)
Training courses for veterinarians

➔ On-site or on-line training
  - Antibiotic treatment of endemic diseases in livestock
  - Performance of health assessment and care protocols

➔ Training of mandated vétérinaires sanitaires (SNGTV/ENSV)
  - Module “Veterinary pharmacy and public health”
  - Module “Antimicrobial resistance and pharmacovigilance” (new module 2013)
Training courses for animal producers

- Module “Identifying and controlling the risk of antimicrobial resistance on your farm”
- Cattle, sheep, goat, swine and poultry sectors
- Run by the producers’ veterinarian
- Understanding the causes of antimicrobial resistance and the issues involved
- Identifying risk areas in existing practices
- Acquiring the methodology to control these risks
Nous sommes le 27 septembre :

En rentrant les vaches du champ, Yann voit une vache qui boîte de la patte arrière droite.
La veille, il n'avait rien constaté de tel.

Après la traite il l'isole dans l'infirmerie pour la soigner...
The “écoantibio2017” plan

→ Steering of “écoantibio2017” Plan measures (in progress)

→ Measure 6: Develop guides to good practice on antibiotic prescription
  - Recommendations on appropriate use of antibiotics, by sector and by pathology

→ Measure 7a: Strengthen continuing training and information for veterinarians
  - Antimicrobial resistance road show, annual congresses, distribution of fact sheets on characteristics of antibiotics

→ Involvement with many other measures of the Plan
Activities alongside professionals

- Involvement in livestock sector activities to promote rational use of antibiotics
- Inter-professional charter on appropriate use of pharmaceutical treatments in rabbit production (rabbit commission)
- Consensus on use of cephalosporins pig production (pig commission)
Thank you for your attention