

## USER'S GUIDE MMF app

### CONTENTS:

- **What's Marine Mammals Formulary (MMF)?**
  - **Registration and Access to MMF**
  - **How to search in the MMF?**
  - **Results**
  - **Report your experience**
- 
- **What's Marine Mammals Formulary (MMF)?**

MMF app provides a compilation of the available pharmacological information on marine mammals (three orders: *Cetartiodactyla*, *Sirenia*, or *Carnivora*).

Users must be aware at all times that drugs have only been used on a very limited number of individual animals from a narrow range of species, so all information must be interpreted with caution. None of the drugs in common usage today has been licensed for use in marine mammals. Always be cautious when administering drugs or drug combinations for the first time in a marine mammal. Finally, always check with others working with marine mammals before using an unfamiliar drug, as they may be aware of adverse reactions that have not been reported (see *Disclaimer*).
  - **Registration and Access to MMF**

Firstly, the registration of new users including all requested data is required to use the app. Once registered, the user can access to the app sign in in the initial menu introducing user name, a valid e-mail address and password.
  - **How to search in the MMF?**

Single search

The user must fill the name of active ingredients as *International Nonproprietary Name (INN)*, or choose from the available list of drugs using the predictive text.

Combined search

The user can made a combined search introducing information from three boxes on the basis of WHO ATCvet system (<http://www.whocc.no/atcvet/>). The ATCvet system for classification of veterinary medicines is based on the same overall principles as the ATC system for substances used in human medicine. The ATCvet system is a tool for exchanging and comparing data on drug use in veterinary medicine at international, national or local levels.

**Box 'Anatomical target':** Drugs are divided into 15 anatomical groups, classified according to the 1st level in the ATCvet system on the basis of their main therapeutic use. The user can select an *Anatomical target* from list.

**Box 'Therapeutic class':** Drugs of the 1st level groups are subdivided into different therapeutic main groups (2nd level's ATCvet). The user can select a *Therapeutic class*.

**Box 'Animals':** They are classified into 3 groups: *Cetaceans*, *Pinnipeds* and *Others* (marine mammals). The user can select one of them for a more selective search.

Note: **Recent drugs**, to select a drug from a list of the 10 drugs most recently searched.
  - **Results**

Results page

This page shows the results of the drugs in the database that fit with the searching criteria. The user can click on the INN's name to see more information about one drug. There is the option to return to the previous page (*Drug's search*).

### Information about one drug (INN)

This page shows the characteristics of the selected drug: *Brief description, available as generic drug? and licensed for vet use?*

It shows also its main therapeutic actions and the different ATCvet codes corresponding to the active ingredient (INN) chosen.

In this page, the user can select a particular group of animals in which the drug is available to see more detailed information.

### Dosage for an animal group

It shows the next information of a drug (INN) in a particular group of animals: *Dose (mg/kg), Posology, Route (for administration) and References.*

In pinnipeds, the results can be found divided by families *Otariidae, Phocidae, and Odobenidae.*

It shows (*Notes*) some more additional information, if it is available, related to pharmacokinetic properties of the drug, adverse effects, interactions, precautions, as well as specific notes for a particular animal group.

Drug dosage calculator: help to the user to calculate dose for an animal according to the body weight (in kg or lbs), dose recommended and drug concentration.

Always, there is the option to return to the *Previous page* or go to a *New search*.

- **Report your experience**

This page is designed to collect any comments from users in order to complete, correct or comment any data appeared in the MMF.

The users with clinical experience are encouraged to participate with any comment derived from their knowledge or professional experience. All the comments will appear signed with the user's name (or full name if it is desired) as an acknowledgement to their contribution to MMF. The comments once sent will be received by the responsible team of MMF before to be approved and recognised for their publication in the app. MMF wants to be a collaborative tool made by and for professionals.

The MMF team.