NVPS

How to Prescribe

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Introduction

This user guide is your manual to lead you through every aspect of prescribing on the National Veterinary Prescription System (NVPS).

As different species have unique requirements around certain elements included in their prescription, the user guides cover all aspects of prescribing and dispensing. Please note the prescription formats legally required for Veterinary Medicinal Products (VMP)s and Medicated Feed (MF) prescriptions are different. Please ensure you are viewing the correct guide for your needs.

This is the user guide for prescribing veterinary medicinal products for cattle, pigs, sheep, goats, and deer. This user guide will show you how to complete each screen by describing how to fill in the required fields.

Any queries please email NVPS@agriculture.gov.ie .

NVPS Home Screen

This is the home screen you will see when you are logged in on NVPS.

The options for you are.

1. Manage profile
2. Prescribe VMP
3. Prescribe Medicated Feed
4. Search Prescriptions
5. Submit offline Prescriptions.
6. Reporting

The NVPS works in online or offline mode, you can also operate the NVPS in offline mode

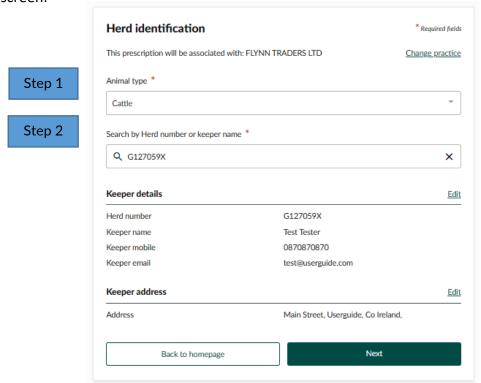by using the toggle switch ① at the top right of the screen provided you have agreed to the data protection policy found in the Manage Profile tab.

In this document we are showcasing how a veterinary practitioner generates a veterinary prescription for cattle. Therefore, the vet will select the "Prescribe VMP" option shown above. ②

Screen 1 -Herd Identification

This is the first screen you are presented with after selecting "Prescribe VMP" on the home screen.

This screen is where you will record the animal type for which you are prescribing along with the Herd ID, which are mandatory fields.

Each script is written for an individual species or animal type. Scripts cannot be generated across different animal types. If you need to add another script for a different animal type for the same herd ID, you can use the 'Prescribe again for same Herd number' functionality– see page 22.

Step 1 – Select the animal type from the drop-down list.

Step 2 – Enter the herd ID. You can search for the herd ID by entering the keeper's name or selecting the herd ID from the drop-down list as you begin to type it in (this list will comprise of all herds associated** to your practice). Your associated herds are also available in offline mode. It is possible to update the keeper's details or address by selecting edit. Please note this will only change the details on the current prescription, to make a permanent change, the animal keeper should contact their regional veterinary office.

Screen 1 -Herd Identification (cont.)

If the keeper is not associated with the practice, there is an option to select "Keeper not associated with a practice" in the drop-down list where you may add all the details manually.

Please note these keeper details will not be saved on your NVPS profile and to add the keeper to the drop-down smart search list, the keeper will need to be associated to the practice via the AgFood application.

**An association is an automated link from client to veterinary practice. This is a process through which your client has given you access to their personal data held by the department. (This is processed via Agfood or by contacting NVPS)*

Screen 1 – Keeper Details

This screen will only appear if you click the edit button or if you do not have an association with the keeper and must enter keeper details manually.

The Herd ID selected from the previous screen will generate and pre-populate the details of the animal keeper (once you are associated to your client). The details can be edited on these screens if there is any change to the keeper's information that pre-populated.

All fields with an asterisk (*) are mandatory.

- It is possible to edit keepers name, mobile phone number, email and address. Please note this will only change the details on the current prescription, to make a permanent change, the animal keeper should contact their regional veterinary office.
- It is not possible to edit the herd number.
- A mobile phone number is required so the keeper can receive the "Prescription Summary" SMS text message with the prescription details.
- A valid email address is required so the keeper will receive a copy of all their dispensed scripts (where requested).

If the details do not populate you must enter the name, mobile phone number and the address.

Screen 2 - Animal Details

Animal details

All animals recorded on this prescription must be of the same category type

Category of animal *

Step 1

| Beef | ▼ |

ⓘ How to identify animals

Animal tag numbers / IDs

Add one or more individual animal IDs

Animal tag / ID 1 *   Remove

Step 2A

| 372211234510091 |

+ Add tag / ID

Groups of animals

Add one or more groups. A group is 5 or more animals. e.g. 20 April born calves

Group ID 1   Remove

No. of animals *   Group description *

Step 2B

| 100 | | All weanlings in herd May 2024 |

+ Add group ID

| Back | | Next |

Step 1 – Here you are required to categorise the animal type, in this case beef or dairy must be selected when animal type **Cattle** is being treated.

Step 2A – If you are treating less than 5 animals, please enter the first animal by clicking on **+Add tag / ID** you can add more tags and ID's. by clicking **+Add tag / ID** as required.

Step 2B - If you are treating 5 or more cattle, you can use the **Group of Animals** feature or you can opt to enter each individual tag number/ID there is no limit on the number of animal IDs that may be entered individually When entering a group you must include the total number of cattle being treated and a Group **description**" that can easily identify and trace back to each individual animal in that group if this is not possible it is recommended to enter individual ID's

You can add as many individuals or groups as necessary. You have the option to add either individual animal ID or Group of animals or both. Once all animals are identified Click Next

Screen 3 – Treatment: Veterinary Medicinal Products (VMP) Search

There are two ways to add a VMP to the prescription.

Option 1: Use the search function. You can search by product, species, Auth ID*, or active substance.

Option 2:   Manually enter the VMP details.

*How to search for non-HPRA drugs:

Centrally Authorised Products can have multiple pack sizes within the same drug ID. When performing a search for CAP products, try inputting partial drug ID up to and including the last "/" (e.g. EU/2/04/044/001-002,020 would be entered as EU/2/04/044).

For Special Import Licence (SIL) products, enter the name or the auth ID as listed on bottle.

Human products can be searched using product name or auth ID

All these products can be searched for by entering the active substance.

Screen 4 - Veterinary Medicinal Products (VMP) Search

Option 1: Using the search function.

Treatment

Search for VMP   View HPRA website ↗

You can search by name, Auth ID or active substance.

Step A

Search
cattle   × [🔍]

Step C

☐ Show results for all species

Step B

RIMADYL Cattle 50 mg/ml Solution for Injection

Auth ID	Form	Species
VPA10387/058/001	Solution for injection	Cattle

Active substance(s)
Carprofen 50 milligram(s)/millilitre

[Select]

Step D - results

Cosecure Cattle Bolus Continuous Release Intraruminal Device

Auth ID	Form	Species
VPA22033/054/001	Continuous-release intraruminal device	Cattle

Active substance(s)
Copper 13.4 gram/100gram,
Cobalt 0.5 gram/100gram,
Sodium Selenate 0.3 gram/100gram

[Select]

Step E

Qualimec Cattle Pour-on

Auth ID	Form	Species
VPA22693/004/001	Pour-on solution	Cattle

Active substance(s)

Step A - Search by the name of the product / authorisation code /active substance/ species to be treated for the product you wish to prescribe. *Please note <u>This search will only return medicines authorised for the species you are treating.</u>*

Step B If you wish to see VMPs for all species, for example, if you wish to treat an animal with a product indicated for another species, tick 'Show results for all species.' If you are using 'deer' in the search this box must be selected as there are no drugs specifically labelled for deer.

Screen 4 - Veterinary Medicinal Products (VMP) Search

Step C - Click on the Green Search Icon

Step D – Results will display VMP cards for each VMP that matches your search criteria.
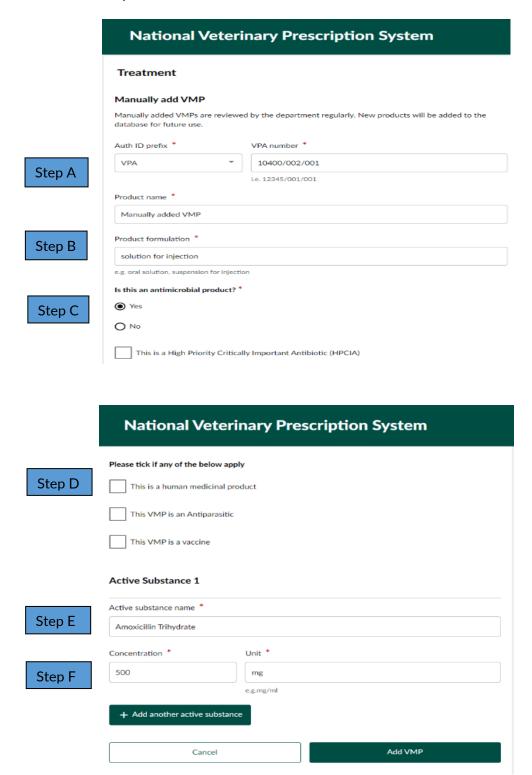
Step E - Once the medicine you are looking for is presented, click the select button on that item.

If the VMP you wish to prescribe is not available via the search you can manually enter the VMP details.

Screen 4 - Veterinary Medicinal Products (VMP) Search

Option 2: Manually add VMP.

National Veterinary Prescription System

Treatment

Manually add VMP

Manually added VMPs are reviewed by the department regularly. New products will be added to the database for future use.

Step A

Auth ID prefix *

VPA

VPA number *

10400/002/001

i.e. 12345/001/001

Product name *

Manually added VMP

Step B

Product formulation *

solution for injection

e.g. oral solution, suspension for injection

Is this an antimicrobial product? *

Step C

◉ Yes

◯ No

☐ This is a High Priority Critically Important Antibiotic (HPCIA)

National Veterinary Prescription System

Step D

Please tick if any of the below apply

☐ This is a human medicinal product

☐ This VMP is an Antiparasitic

☐ This VMP is a vaccine

Active Substance 1

Step E

Active substance name *

Amoxicillin Trihydrate

Step F

Concentration *

500

Unit *

mg

e.g.mg/ml

+ Add another active substance

Cancel

Add VMP

Screen 4 - Veterinary Medicinal Products (VMP) Search

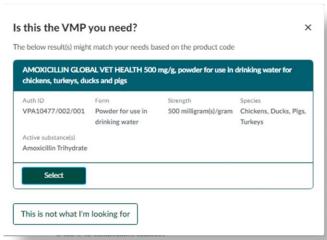*Step A* – Select Auth ID prefix (e.g. VPA or EU etc) and enter authorisation number.

Step B – Enter the product name and formulation eg solution for injection or pour on.

Step C – Select if it is an antimicrobial product or not. Flag if it is a highest priority critically important antimicrobial (HPCIA), these are Cephalosporins, 3rd- and 4th-generation, Polymyxins and Quinolones: fluoroquinolones and other quinolones.

Step D – Tick all options in Step D that apply to the VMP.

Step E – Enter the name of the active substance in the VMP.

Step F – Enter volume and select units of the VMP then click Add VMP button to confirm all details.

If the VMP that you are manually adding is already available to prescribe on the system, a window will pop-up showing the drug card asking you if it is the VMP you are trying to prescribe. If it is the VMP you want to prescribe, click on 'Select' to proceed. If it is not the VMP you want to prescribe, click on 'This is not what I'm looking for' and continue entering all the required information.[1]

Note a manually added medicinal product will not be automatically saved on the system for prescribing again, however the system will be alerted, and the product will be added in due course to the database.

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[1] Disclaimer

Whilst every effort has been made to ensure the accuracy of the information/material contained on the drug database, the NVPS, assumes no responsibility for and give no guarantees, undertakings or warranties concerning the accuracy, completeness or up to date nature of the information provided and does not accept any liability whatsoever arising from any errors or omissions.
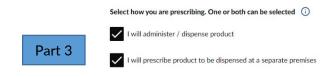
Screen 5 – Treatment: step 1 of 3 (Quantity prescribed)

Treatment

Step 1 of 3 - Quantity prescribed

Part 1

Pro Penstrep Suspension for Injection for Cattle, Sheep and Pigs

Select which animals are receiving this VMP

☑ Animal ID: 372211234510091

☑ Group ID: All weanlings in herd May 2024 (100)

Part 1 - Select the animal or group of animals to receive the treatment you have selected.

Select VMP unit *

Millilitre(s)

Litre(s)

Part 2 - Select the VMP unit, if required.

If the VMP is available in more than one quantity unit type, such as milliliter(s) and litre(s), a drop-down menu will appear. Select the appropriate unit type and proceed to Part 3. If there is only one quantity unit available this will prepopulate.

Select how you are prescribing. One or both can be selected ⓘ

Part 3

☑ I will administer / dispense product

☑ I will prescribe product to be dispensed at a separate premises

Part 3 – Select the method of prescribing: There are 2 Options: (you may select one or both)

Option 1: - "I will administer/dispense product".

This is the total amount of product either administered or dispensed (left behind) by the vet, for all animals selected who are receiving this VMP.

Example: Vet injects 30mls of a 100ml bottle of VMP and leaves the rest of the bottle to be administered by the farmer over the course of 2 days. Vet fills 100mls into the administered/dispensed quantity i.e., the entire quantity prescribed.

Screen 5 - Treatment step 1 of 3 (Quantity prescribed)

Qty admininstered / dispensed by Vet

Batch 1

Quantity administered / dispensed *

| 250 | Millilitre(s) |

Batch number *

| 2r3t4y | × |

[+ Add another Batch]

| Step 1 |
| Step 2 |

Step 1 - Enter the full quantity.
Step 2 - Enter the batch number of medicines being used, (optional). The system will remember the last three batch numbers used; these will prepopulate in the drop-down list.
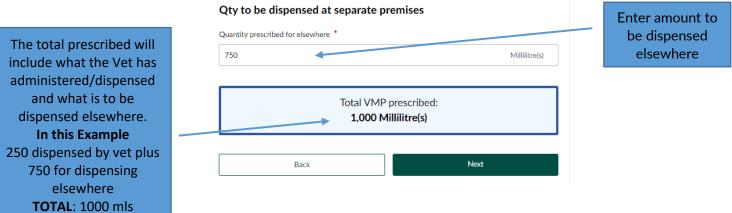
Option 2: - "I will prescribe product to be dispensed at a separate premises."

This is where the vet writes a prescription where some or all the medication is to be dispensed at a separate premises other than the Vets Practice. The prescription can be presented to any authorised dispensing retailer.

Example 1: The keeper wants a prescription for a medicine e.g., antiparasitic, which they would like to have dispensed from an authorised retailer of their choice.
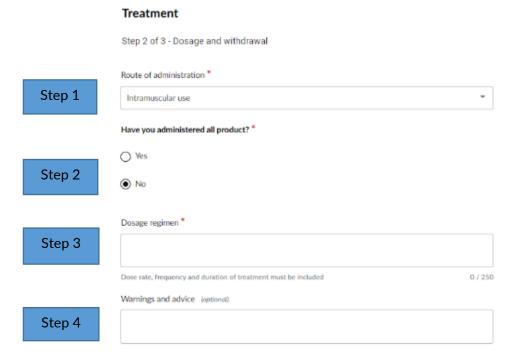
Example 2: Vet has administered/dispensed some product but does not have enough to meet the keeper's requirements. In this case both boxes would be ticked, and the corresponding quantities filled in. The quantities will be totalled, and a prescription will be generated with the amount given already recorded as dispensed. The keeper will be sent a notification of the balance, via a SMS Prescription Summary text message, which can then be dispensed at an authorised retailer.

If you are prescribing for dispensing at a later stage or from another dispenser, please use this option and enter the total amount to be dispensed later.

Qty to be dispensed at separate premises

Quantity prescribed for elsewhere *

| 750 | Millilitre(s) |

Total VMP prescribed:
1,000 Millilitre(s)

| Back | Next |

Enter amount to be dispensed elsewhere

The total prescribed will include what the Vet has administered/dispensed and what is to be dispensed elsewhere.
In this Example
250 dispensed by vet plus 750 for dispensing elsewhere
TOTAL: 1000 mls

Screen 6 - Treatment step 2 of 3 (Dosage and withdrawal)

Treatment

Step 2 of 3 - Dosage and withdrawal

Step 1	**Route of administration** * Intramuscular use ▾
Step 2	**Have you administered all product?** * ○ Yes ◉ No
Step 3	**Dosage regimen** * [ ] Dose rate, frequency and duration of treatment must be included 0 / 250
Step 4	**Warnings and advice** (optional) [ ]

Step 1 - Here you are required to complete the route of administration. The recommended route should autofill but if there is more than one route of administration these will be on a drop-down list which will include an option for 'other'. Choosing 'other' as the route of administration will require manual input of withdrawal periods.

Step 2 - You can state if you have administered all the medicine by selecting the **'YES'** Radio Button - this will auto fill the "Dosage regimen" Field. The below screen shows the auto filled directions if you have administered all the product and are not leaving any behind.
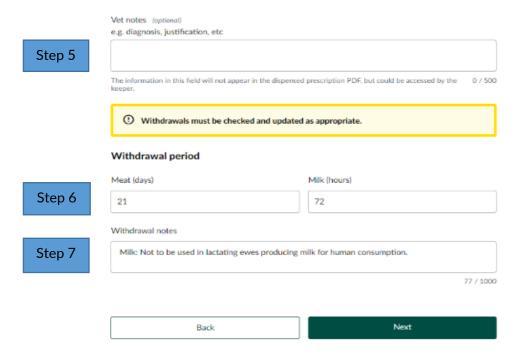
Have you administered all product? *

◉ Yes

○ No

Dosage regimen *
Administered by Vet

Step 3 - If you have not administered all the product, then you select the '**NO'** Button and you must write in the dosage regimen details. This must include amount, frequency and duration.

Step 4 - Warnings and advice are optional. Be aware that the regulations now require any warnings necessary for the prudent use of antimicrobials to be included where relevant.

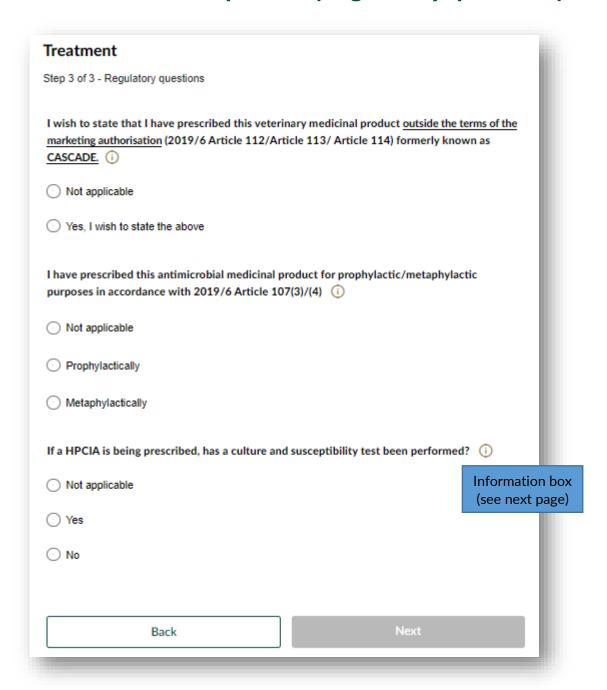# Screen 6 – Treatment: step 2 of 3 contd. (Dosage and withdrawal)

Step 5 - Vets' notes is an optional field and this is for the vet's own notes. You may wish to use it to for example record visit details clinical signs, diagnosis or justifications for antimicrobial use. Vets' notes will not be visible on the dispensed prescription but will be visible to all vets in the same practice.

Step 6 - Withdrawals will prepopulate for you, but you should always ensure you are up to date with the latest summary of product characteristics SPC. You can edit these prepopulated details.

Step 7- Withdrawal notes should include any additional notes from the SPC that are relevant to the treatment.

Screen 7 – Treatment: step 3 of 3 (Regulatory questions)

Treatment

Step 3 of 3 - Regulatory questions

I wish to state that I have prescribed this veterinary medicinal product <u>outside the terms of the marketing authorisation</u> (2019/6 Article 112/Article 113/ Article 114) formerly known as <u>CASCADE.</u> ⓘ

◯ Not applicable

◯ Yes, I wish to state the above

I have prescribed this antimicrobial medicinal product for prophylactic/metaphylactic purposes in accordance with 2019/6 Article 107(3)/(4) ⓘ

◯ Not applicable

◯ Prophylactically

◯ Metaphylactically

If a HPCIA is being prescribed, has a culture and susceptibility test been performed? ⓘ

Information box (see next page)

◯ Not applicable

◯ Yes

◯ No

Back	Next

Regulatory questions are required as per the new veterinary medicines regulations. The relevant questions will only appear if they apply to the drug you are prescribing. See details on the information box on next page.

Select the answer that applies to each question that appears.

Information box – details on regulations

Article 112/ Article 113/ Article 114 of Regulation (EU) 2019/6X

These articles refer to the use of medicinal products outside the terms of the marketing authorisation. Such use was previously covered under the 'CASCADE'.

Article 112 relates to non-food-producing animal species.
Article 113 relates to food-producing terrestrial animal species.
Article 114 relates to food-producing aquatic species.

Article 107 (3)/ (4) of Regulation (EU) 2019/6X

3) Antimicrobial medicinal products shall not be used for prophylaxis[1] other than in exceptional cases, for the administration to an individual animal or a restricted number of animals when the risk of an infection or of an infectious disease is very high and the consequences are likely to be severe. In such cases, the use of antibiotic medicinal products for prophylaxis shall be limited to the administration to an individual animal only, under the conditions laid down in the first subparagraph[3]

(4) Antimicrobial medicinal products shall be used for metaphylaxis[2] only when the risk of spread of an infection or of an infectious disease in the group of animals is high and where no other appropriate alternatives are available.

[1]'**Prophylaxis**' means the administration of a medicinal product to an animal or group of animals before clinical signs of a disease, to prevent the occurrence of disease or infection.

[2]'**Metaphylaxis**' means the administration of a medicinal product to a group of animals after a diagnosis of clinical disease in part of the group has been established, with the aim of treating the clinically sick animals and controlling the spread of the disease to animals in close contact and at risk and which may already be sub clinically infected.
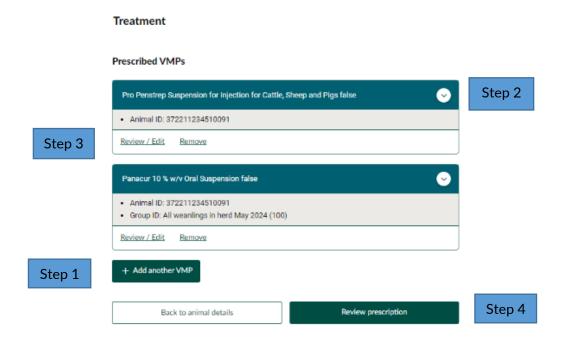
Highest Priority Critically Important Antimicrobials (HPCIA)X

For the purposes of recording, HPCIAs for veterinary use have been identified as those drug classes in Category B (Restrict) of the EMA 'Categorisation of antibiotics for use in animals for prudent and responsible use.' This category includes **fluoroquinolones, 3rd and 4th generation cephalosporins and polymixins**.

Given the importance of HPCIAs in human health, these antimicrobials should NOT be used prophylactically or as first line of treatment in animals. They should only be used when there are no effective alternative antimicrobials available for the treatment of respective target species and indication.
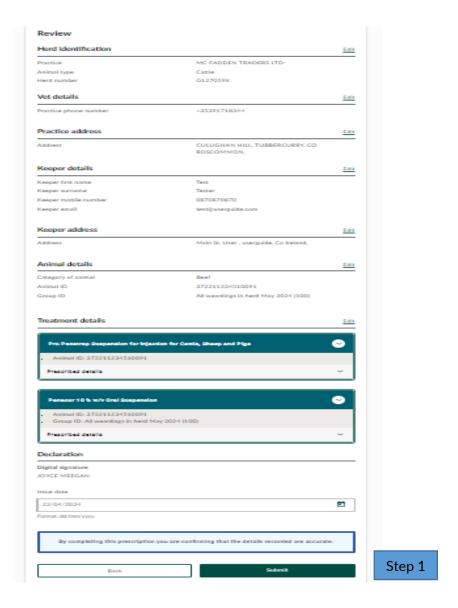
Screen 8 - Additional Treatment

Treatment

Prescribed VMPs

Pro Penstrep Suspension for Injection for Cattle, Sheep and Pigs false ⌄	Step 2
• Animal ID: 372211234510091	
Step 3 — Review / Edit Remove	

Panacur 10 % w/v Oral Suspension false ⌄	
• Animal ID: 372211234510091	
• Group ID: All weanlings in herd May 2024 (100)	
Review / Edit Remove	

Step 1 — **+ Add another VMP**

| Back to animal details | Review prescription | Step 4 |

Step 1 - Once you have selected your veterinary medicine, you have an option to add an additional medicine simply select the **"+ Add Another VMP"** button.

Step 2 - Clicking the dropdown in the treatment card allows you see what is included in the Treatment.

Step 3 - You may change, edit or remove any remedy if required.

Step 4 - If there are no changes to be made, click review prescription.

![Department of Agriculture, Food and the Marine logo] An Roinn Talmhaíochta, Bia agus Mara
Department of Agriculture, Food and the Marine

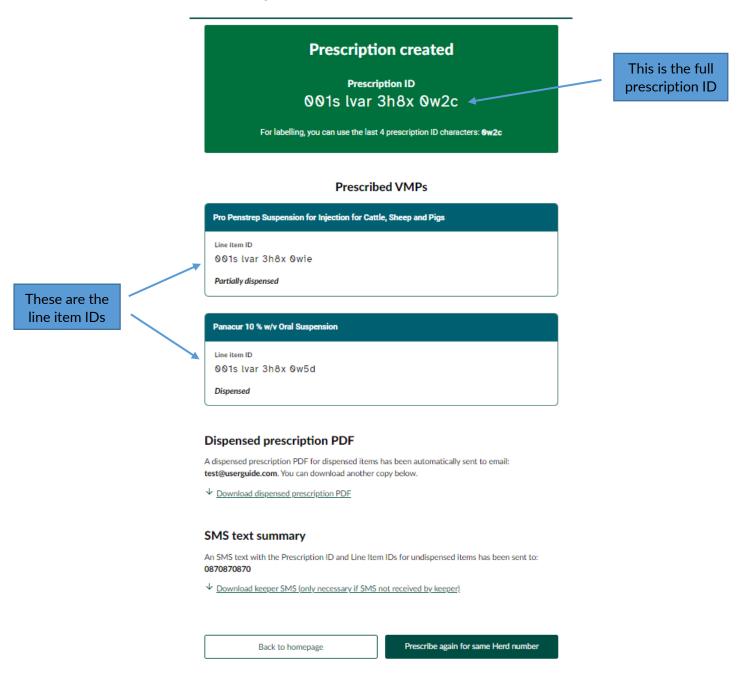# Screen 9 - Prescribing Review

Step 1 - While reviewing the script you may click "edit" on any of the sections to update the information. Once you are satisfied all the prescription details are correct Click Submit

Note: once you submit the script no additions or deletions can be made, however you can annotate it or cancel the full script once it is undispensed.

Screen 10 - Prescription Confirmation

Prescription created

Prescription ID

001s lvar 3h8x 0w2c

For labelling, you can use the last 4 prescription ID characters: **0w2c**

This is the full prescription ID

Prescribed VMPs

Pro Penstrep Suspension for Injection for Cattle, Sheep and Pigs

Line item ID
001s lvar 3h8x 0wie

Partially dispensed

These are the line item IDs

Panacur 10 % w/v Oral Suspension

Line item ID
001s lvar 3h8x 0w5d

Dispensed

Dispensed prescription PDF

A dispensed prescription PDF for dispensed items has been automatically sent to email: **test@userguide.com**. You can download another copy below.

↓ Download dispensed prescription PDF

SMS text summary

An SMS text with the Prescription ID and Line Item IDs for undispensed items has been sent to: **0870870870**

↓ Download keeper SMS (only necessary if SMS not received by keeper)

Back to homepage | Prescribe again for same Herd number

This screen provides a lot of information:

- If you (the vet) are writing a prescription to be dispensed elsewhere, the keeper will receive a Prescription Summary SMS based on the information just entered to allow them to present the Prescription or Line ID to their chosen dispenser(s) to have the script fulfilled.
- If the prescription ID is presented to a dispenser, it will enable the dispenser to see all products listed on the prescription.
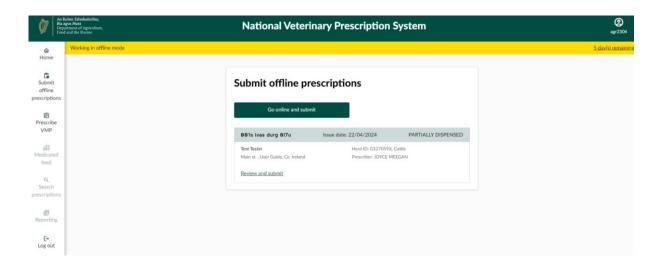
- A Keeper can choose to present only the line-item ID to the dispenser. Only the medicine prescribed under that Line-item ID will be made available to the dispenser. This is to give the Keeper flexibility on who can view their prescriptions or line items.
- If you have administered and/or dispensed some or all parts of the prescription, then you may download a dispensed prescription summary PDF document to your device.
- If the keeper's email was included in his details correctly; the dispensed pdf will also be emailed to the keeper for their own records.

Should the keeper have no email, you can download and print a copy for their records.

Once submitted you can find the script in the 'search prescriptions' tab, see screenshot page 4 to find it at any time.

If you wish to begin another script for the same Herd, click on Prescribe again for same Herd number[i]. This will bring you back to the animal details section.

If you are working in offline mode, the script will show as submitted offline and will not upload to the NVPS until you go online and upload. They will show in the Submit offline prescriptions.

We recommend you go online and upload your scripts daily.

[i] *Please note - If you are visiting a farm and treating both dairy and beef cattle, you need to choose "prescribe again for the same herd number" as you are required to create a script for each type of cattle.*