

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Unicillin 300mg/ml Suspension for Injection

2. QUALITATIVE AND QUANTITATIVE COMPOSITION

Each ml contains:

Active substance:

Benzylpenicillin Procaine 300 mg

Excipients (preservative):

Methyl Parahydroxybenzoate (E218) 1 mg

For the full list of excipients, see section 6.1.

3. PHARMACEUTICAL FORM

Suspension for injection.

A white to off-white suspension.

4. CLINICAL PARTICULARS

4.1 Target species

Cattle, sheep and pigs.

4.2 Indications for use, specifying the target species

For the treatment of infections caused by bacteria sensitive to penicillins in cattle, sheep and pigs.

4.3 Contraindications

Do not administer to animals known to be sensitive to penicillin.

Do not use when it is known that penicillinase-producing staphylococcus organisms are present.

4.4 Special warnings for each target species

Occasionally in sucking and fattening pigs administration of products containing procaine penicillin may cause a transient pyrexia, vomiting, shivering, listlessness and incoordination.

Procaine penicillin G can, under certain circumstances, be toxic and even lethal to pigs and this is thought to be due to a sudden release of toxic amounts of free procaine. The symptoms include shivering, lassitude, inappetence, vomiting, cyanosis of the extremities and pronounced pyrexia (40°C and over). A vulval discharge may appear and some animals may abort. Alarming side-effects are most likely to occur when pigs with erysipelas are injected with an older and, or, heat-affected procaine penicillin formulation. Treatment with 5 mg dexamethasone will result in rapid recovery.

4.5 Special precautions for use

Special precautions for use in animals

Use of this product should be based on susceptibility testing of the bacteria isolated from the animal. If this is not possible, therapy should be based on local (regional, farm level) epidemiological information about susceptibility of the target bacteria. Whenever possible the product should only be used on the basis of susceptibility testing.

Special precautions to be taken by the person administering the veterinary medicinal product to animals

Penicillin and cephalosporins may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Hypersensitivity to penicillin may lead to cross sensitivity to cephalosporins and vice versa. Allergic reaction to these substances can occasionally be serious.

1. Do not handle this product if you know you are sensitised or if you have been advised not to work with such preparations.
2. Handle this product with great care to avoid exposure, taking all recommended precautions.
3. If you develop symptoms following exposure, such as a skin rash, you should seek medical advice and show the doctor this warning. Swelling of the face, lips and eyes or difficulty with breathing are more serious symptoms and require urgent medical attention.

4.6 Adverse reactions (frequency and seriousness)

Occasional allergies to penicillins have been observed but these are very rare. Hypersensitivity (allergic) reactions to penicillins can vary from localised swelling to anaphylaxis and death.

4.7 Use during pregnancy, lactation or lay

Procaine penicillin is safe for use in pregnant animals.
Not for use in lactating ewes producing milk for human consumption or milk products.

4.8 Interaction with other medicinal products and other forms of interaction

Tetracyclines are bacteriostatic antibiotics that may interfere with a bactericidal agent such as penicillin. Since penicillin acts by inhibiting cell wall synthesis, agents such as tetracyclines, which inhibit protein synthesis, could mask the bactericidal effect of penicillin.

4.9 Amounts to be administered and administration route

The recommended dose is 8 ml per 100 kg bodyweight i.e. 24 mg procaine penicillin per kg bodyweight.
For intramuscular administration only.

Shake well before use.

The dose should be given once daily for up to 3 consecutive days.

Species	Dose (ml)	Kg Bodyweight
Cattle	8.0	100
Calf	4.0	50
Sheep	2.0	25
Lamb	0.8	10
Sow	6.0	75
Piglet	0.4	5

The maximum dose volume recommended at any one site for Cattle is 20 ml
Administer alternately on the left side and the right side.

4.10 Overdose (symptoms, emergency procedures, antidotes), if necessary

Do not exceed the stated dose.

4.11 Withdrawal period(s)

Cattle:

Meat and Offal: 7 days

Milk: 72 hours

Sheep:

Meat and Offal: 7 days

Milk: Not for use in lactating ewes producing milk for human consumption.

Pigs:

Meat and Offal: 7 days

5. PHARMACOLOGICAL PROPERTIES

ATC Vet Code: QJ01CE09

Pharmacotherapeutic Group: Antibacterials for systemic use, procaine penicillin.

Penicillins are rapidly absorbed when injected in an aqueous suspension by the intramuscular route. However, absorption of Penicillin G from a procaine penicillin preparation is prolonged, with peak blood levels being attained at approximately 2 - 4 hours and declining below therapeutic levels at 24 hours in pigs and 48 hours in cattle and sheep.

6. PHARMACEUTICAL PARTICULARS

6.1 List of excipients

Methyl parahydroxybenzoate (E218)

Povidone K 12

Disodium edetate
Sodium citrate
Potassium dihydrogen phosphate
Simethicone emulsion
Water for injection

6.2 Incompatibilities

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

6.3 Shelf life

Shelf life of the veterinary medicinal product as packaged for sale: 2 years
Shelf life after first opening the immediate packaging: 28 days.

6.4. Special precautions for storage

Store in a refrigerator (2°C to 8°C).
Do not freeze.

6.5 Nature and composition of immediate packaging

Type II (Ph. Eur.) siliconised uncoloured glass 100 ml vial closed with a nitril rubber stopper and sealed with an aluminium seal.

6.6 Special precautions for the disposal of unused veterinary medicinal product or waste materials

Unused product or waste material should be disposed of in accordance with current practice for pharmaceutical waste under national waste disposal regulations.

7. MARKETING AUTHORISATION HOLDER

Univet Ltd
Tullyvin
Cootehill
Co. Cavan

8. MARKETING AUTHORISATION NUMBER(S)

VPA 10990/003/001

9. DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

30th September 2007

10. DATE OF REVISION OF THE TEXT

23/08/2023