

Bimoxyl LA

DUAL ACTION THERAPY

**RAPID
RELEASE
HIGH
INITIAL
PEAK**

**COUPLED WITH SUSTAINED
THERAPEUTIC ACTION**



Bimeda

Bimoxyl LA

contains in
each ml 150mg

Amoxycillin

as Amoxycillin
Trihydrate
B.P./Ph.Eur.
a semi-synthetic
penicillin

**Properties of
Amoxycillin:**

- Produces a more rapid and complete bacterial effect against gram-negative bacteria than **Ampicillin**.

-**broad spectrum** antibiotic

-retains typical gram-positive activity of all penicillins but also possesses greatly **enhanced activity** against gram-negative bacteria.

- extremely **well tolerated** with low toxicity.

- **rapid absorption** due to **patented penetration enhancer** incorporated in the formulation.

- **widespread tissue distribution** - muscle, liver, bile, kidney, urinary and alimentary tracts.

Amoxycillin has been commonly used in the following clinical cases:

CATTLE

Calf scours and pneumonia
Calf enteritis and septicaemia due to Salmonella infection
Foul of the foot
Mastitis caused by E. Coli infections
Metritis and retained placenta

SHEEP

Enteritis and pneumonia associated with E. Coli infections
Erysipelas
Metritis

PIGS

Contagious foot rot
Mastitis
Metritis
Pneumonia

*Withholding Periods for **Bimoxyl LA***

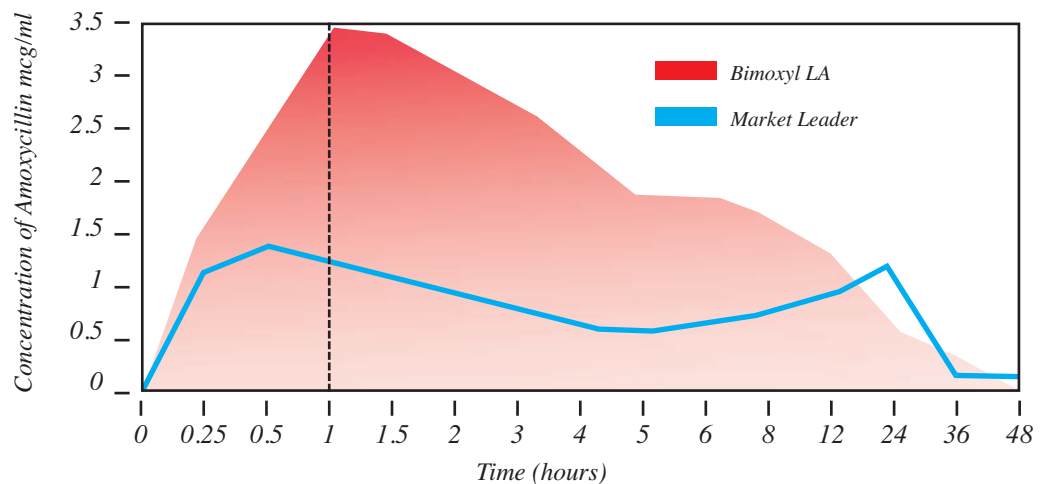
	<i>Meat</i>	<i>Milk</i>
<i>Cattle</i>	<i>21 Days</i>	<i>156 Hours</i>
<i>Sheep</i>	<i>25 days</i>	-
<i>Pigs</i>	<i>13 days</i>	-
<i>Dogs</i>	<i>N/A</i>	<i>N/A</i>

Bimoxyl LA

Superior bioavailability - studies have indicated that Bimoxyl LA gives a significantly higher initial peak of Amoxycillin in plasma, with levels reaching bactericidal levels within 15 minutes and peaking to a concentration of 3.5mcg/ml after one hour compared to 1.35mcg/ml for the market leader (**more than 2^{1/2} times greater**).

The area under the curve for 0-48 hours was 41.87 compared with 33.33 for the market leader (**=25% greater**).

*Concentration of Amoxycillin in bovine plasma with time, after intra-muscular injection of two long-acting Amoxycillin Injections (150mg/ml) at a dose rate of 15mg/kg**



ONE INJECTION OF BIMOXYL LA PRODUCES A DUAL EFFECT WITH A HIGH INITIAL PEAK FOLLOWED BY THERAPEUTIC LEVELS OVER THE NEXT 48 HOURS.

- BENEFITS**
- Excellent Syringeability - Single shot treatment in most cases.
 - Broad spectrum of activity.
 - High degree of client acceptability (less frequent visits by practitioner).
 - Starts to work straight away and goes on working for at least 48 hours.
 - Well tolerated in cattle, sheep, pigs and dogs.
- Experimental trials in dogs have indicated that Bimoxyl LA causes less abscessation than any other leading amoxycillin preparations*.*

Bimoxyl LA

A sterile non-aqueous suspension for parenteral administration, containing in each ml 150mg Amoxicillin as Amoxicillin Trihydrate Ph. Eur in a long acting oily base.

Uses

Cattle & Sheep: For the control and treatment of respiratory and other infections caused by amoxicillin susceptible bacteria only.

Pigs: For the treatment of infectious diseases in pigs, caused by or associated with organisms sensitive to amoxicillin.

Dogs: For the treatment of infectious diseases in dogs caused by or associated with organisms sensitive to amoxicillin.

Dosage and Administration

Cattle, Sheep and Pigs: By intramuscular route only.

Dogs: By subcutaneous injection.

The injection site should be massaged after injection.

The recommended dosage rate is 15mg amoxicillin per kg bodyweight. This is equivalent to 1ml/10kg. One repeat administration may be given after 48 hours.

The maximum injection volume at any one site is:

Cattle 20ml

Sheep 4ml

Pigs 5ml

Dogs 2.5ml

Larger dose volumes should be divided and given into separate sites. Use a dry syringe for extraction of suspension to avoid hydrolysis of amoxicillin.

Contra-indications, Warnings, etc.

Withdrawal Periods:

Animals must not be slaughtered for human consumption during treatment. Cattle may be slaughtered for human consumption only after 21 days from the last treatment.

Sheep may be slaughtered for human consumption only after 25 days from the last treatment.

Pigs may be slaughtered for human consumption only after 13 days from the last treatment.

Milk for human consumption must not be taken during treatment. Milk for human consumption may be taken only from cattle after 156 hours from the last treatment.

Contra-indications:

Not suitable for i/v or intrathecal administration.

Occasional local reaction of a transient nature may occur at the site of the injection.

Not for use in ewes producing milk for human consumption or food processing.

Not to be administered to small herbivores.

Do not use in known cases of hypersensitivity to beta-lactam antibiotics.

Operator Warnings

Penicillins and cephalosporins may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Hypersensitivity to penicillins may lead to cross reactions to cephalosporins and vice versa. Allergic reactions to these substances may 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 or eyes or difficulty with breathing are more serious symptoms and require urgent medical attention.

Pharmaceutical Precautions

Store below 25°C, protected from light. Shake well before use.

This product does not contain an antimicrobial preservative. Swab the septum before removing each dose. Use a dry, sterile needle and syringe. Following withdrawal of the first dose, use the product within 4 weeks. Dispose of unused material safely.

An appropriately graduated syringe must be used to allow accurate administration of the required dose volume. This is particularly important when injecting small volumes.

Keep out of the reach of children.

For animal treatment only.

Legal Category

POM -V

Package Quantities

Vials of 100ml.

Further Information

Nil.

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Distributed by

Bimeda®, a division of Cross Vetpharm Group UK Ltd,

Bryn Cefni Industrial Park,

Llangefni, Anglesey LL77 7XA

Tel: 01248 725400

fax: 01248 725416

Freefone: 0800 526769

E-mail: sales@bimeda.co.uk

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