



## Where are the key benefits for use in pigs?

Melovem is a lower concentration form of meloxicam which makes it highly suitable for use in pigs and piglets that require anti-inflammatory and analgesic treatment.

Meloxicam is proven to be highly effective in pigs<sup>2</sup> at any stage in their development should they suffer trauma or infection sufficient to cause pain or swelling that could inhibit performance.

Following a single IM dose in pigs, maximum concentration levels ( $C_{max}$ ) are reached within one hour following injection. In controlled trials, behaviour score and feed intake improved significantly when compared to a placebo, in meloxicam treated pigs suffering from non-infectious locomotor disorders<sup>2</sup>.

## Datasheet

### Name of the veterinary medicinal product

Melovem 5 mg/ml solution for injection for cattle and pigs

### Indications for use

**Cattle:** For use in acute respiratory infection with appropriate antibiotic therapy to reduce clinical signs in cattle.

For use in diarrhoea in combination with oral re-hydration therapy to reduce clinical signs in calves of over one week of age and young, non-lactating cattle.

**Pigs:** For use in non-infectious locomotor disorders to reduce the symptoms of lameness and inflammation.

### Amounts to be administered

**Cattle:** Single subcutaneous injection at a dosage of 0.5mg meloxicam/kg body weight (i.e. 10.0ml/100kg body weight) in combination with antibiotic therapy or with oral re-hydration therapy, as appropriate.

**Pigs:** Single intramuscular injection at a dosage of 0.4mg meloxicam/kg body weight (i.e. 2.0ml/25kg body weight). If required, a second administration of meloxicam can be given after 24 hours. It is recommended to administer the second injection at a different site since local tolerance has been assessed after single injection only.

### Contraindications and Warnings

Do not use in animals suffering from impaired hepatic, cardiac or renal function and haemorrhagic disorders, or where there is evidence of ulcerogenic gastrointestinal lesions.

Do not use in case of hypersensitivity to the active substance or to any of the excipients.

Do not administer concurrently with glucocorticosteroids, other non-steroidal anti-inflammatory drugs or with anti-coagulant agents.

### Special precautions for use

If adverse reactions occur, treatment should be discontinued and the advice of a veterinarian should be sought.

Avoid use in very severely dehydrated, hypovolaemic or hypotensive animals which require parenteral rehydration, as there may be a potential risk of renal toxicity.

Accidental self-injection may give rise to pain. People with known hypersensitivity to NSAID should avoid contact with the veterinary medicinal product.

In case of accidental self-injection, seek medical advice immediately and show the package leaflet or the label to the physician.

### Adverse reactions

Transient swelling at the injection site was commonly reported in clinical studies following subcutaneous administration in cattle. Injection site swelling may be painful.

Transient swelling at the injection site was observed in clinical studies following intramuscular administration in pigs.

In very rare cases, anaphylactoid reactions may occur and should be treated symptomatically.

**Cattle:** Can be used during pregnancy.

**Pigs:** Can be used during pregnancy and lactation.

Melovem contains meloxicam 5mg/ml solution for injection.

Legal category: [POM-V] UK. [POM] ROI.

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References: 1. Friton et al (2004), Berl Munch Tierarztl Wochenschr. 117: 304-9. 2. Friton et al (2003), Berl Munch Tierarztl Woch, 116:421-426 3. GfK Kynetec market information (2009)

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# Melovem<sup>®</sup>



## The new meloxicam for on-farm use

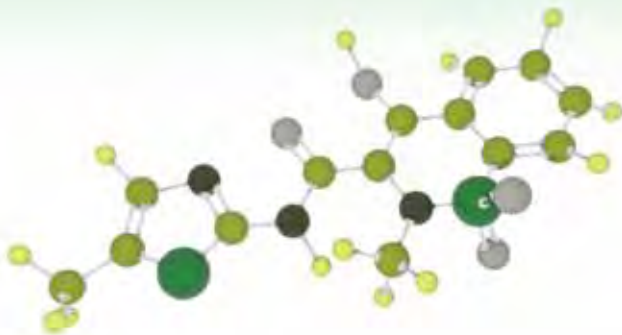
Vétoquinol  
Signe de Passion

## Why is meloxicam the most popular non steroidal anti-inflammatory product used by vets in the UK<sup>3</sup>?

The reason is in its mode of action. The selective inhibition of the COX-2 inflammatory pathway creates analgesic and anti-inflammatory therapeutic effects without the unwanted side effects created by older, non selective, non steroidal anti-inflammatory drugs (NSAIDs).

Following SC injection in cattle or IM injection in pigs, meloxicam rapidly targets the inflamed tissue as a result of increased vascular supply and permeability at the affected site.

Melovem, containing meloxicam is a long acting, easy to use and effective non steroidal anti-inflammatory product for use in cattle and pigs.



## How is Melovem different?

Melovem contains meloxicam 5mg/ml. This is a lower concentration than other meloxicam formulations which means that it is cost effective on-farm for use in smaller animals.

**Cattle** - One single subcutaneous injection  
10ml/100kg (0.5mg/kg)

### For use in

Acute respiratory infections or BRD  
Diarrhoea

Meat withdrawal period – 15 days

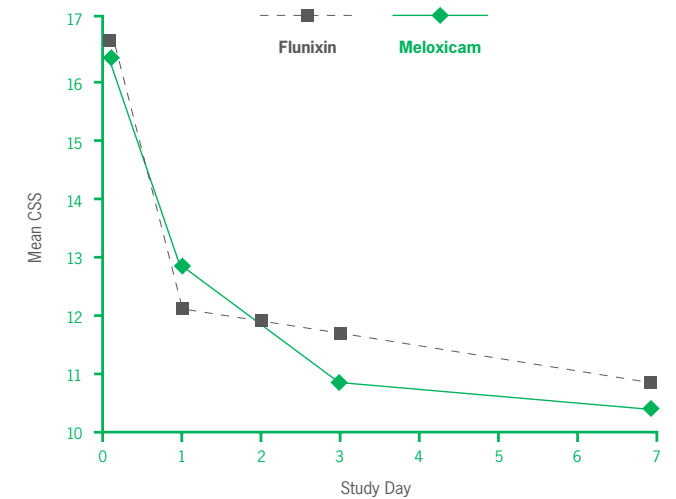
**Pigs** - One single intramuscular injection  
2ml/25kg (0.4mg/kg)

### For use in

Non infectious causes of lameness

Meat withdrawal period – 5 days

Mean Clinical Sum Scores (CSS) over the course of the study<sup>1</sup>



## How can I use Melovem for the treatment of BRD in calves?

Melovem administered subcutaneously alongside an appropriate antibacterial product is highly beneficial in improving the successful treatment of BRD in calves.

In a randomised, positively controlled study using feedlot calves, a single subcutaneous injection of meloxicam was compared with 3 daily intravenous injections of flunixin meglumine. The study concluded that a single, subcutaneous dose of meloxicam was as clinically effective as up to 3 consecutive daily intravenous doses of flunixin meglumine when used as an adjunctive therapy to antibacterial therapy in the treatment of acute febrile respiratory disease in feedlot cattle<sup>1</sup>.

