

# Hypophysin® LA

## 70 µg/ml



### Solution for injection for cattle and pigs

#### NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER AND OF THE MANUFACTURING AUTHORISATION HOLDER RESPONSIBLE FOR BATCH RELEASE, IF DIFFERENT

Veyx-Pharma GmbH  
Soehreweg 6  
34639 Schwarzenborn  
Germany

#### NAME OF THE VETERINARY MEDICINAL PRODUCT

Hypophysin® LA 70 µg/ml  
Solution for injection for cattle and pigs  
Carbetocin

#### STATEMENT OF THE ACTIVE SUBSTANCES AND OTHER INGREDIENTS

Hypophysin® LA 70 µg/ml is a clear colourless solution for injection and contains:

*Active substance:*

Carbetocin 70.00 µg/ml

*Excipients:*

Chlorocresol 1.00 mg/ml

#### INDICATIONS

Cows:

- Uterine atony during the puerperal period
- Placental retention as a consequence of uterine atony
- Initiation of milk ejection in stress-induced agalactia or other conditions requiring udder emptying

Sows:

- Acceleration or restart of parturition after disruption of uterine contractions (uterine atony or inertia) following the expulsion of at least 1 piglet
- Supportive therapy of mastitis-metritis-agalactia (MMA)- syndrome
- Initiation of milk ejection
- Shortening of total parturition duration as a component of synchronisation of parturition in sows. The product may be applied to sows which have previously been administered an appropriate PGF<sub>2α</sub> (e.g. cloprostenol) not prior to day 114 of pregnancy and have not started farrowing within 24 hours after the PGF<sub>2α</sub> injection (day 1 of pregnancy is the last day of insemination)

#### CONTRAINDICATIONS

Do not administer to accelerate parturition if cervix is not opened or if there is a mechanical cause for the delayed parturition such as physical obstruction, positional and postural abnormalities, convulsive labour, threatened rupture of uterus, uterine torsion, relative foetal oversize or deformities of the birth canal. Do not use in case of hypersensitivity to the active substance or to any of the excipients.

#### ADVERSE REACTIONS

In very rare cases, carbetocin may have an uterotonic effect in the late pregnancy. If you notice any serious effects or other effects not mentioned in this package leaflet, please inform your veterinary surgeon.

#### TARGET SPECIES

Cattle, pigs

## **DOSAGE FOR EACH SPECIES, ROUTE(S) AND METHOD OF ADMINISTRATION**

For intramuscular and intravenous injection. Treatment takes place as a rule once only.

### Cows:

For all indications:

3.0 – 5.0 ml/animal, corresponding to 210 – 350 µg carbetocin/animal

### Sows:

For shortening of total parturition duration as a part of the synchronisation of parturition:

0.5 ml/animal, corresponding to 35 µg carbetocin/animal

For acceleration or restart of parturition after disruption of uterine contractions (uterine atony or inertia) following the expulsion of at least 1 piglet:

0.5 -1.0 ml/animal, corresponding to 35 - 70 µg carbetocin/animal

For MMA and milk ejection:

1.5 – 3.0 ml/animal, corresponding to 105 – 210 µg carbetocin/animal

The dosage requirements can be variable within the indicated limits based on the assessment of the veterinarian.

In case of treatment for milk ejection in the cow and sow or supportive therapy in MMA-syndrome in sows, a repeated administration is possible after 1 to 2 days. The interval between two injections should not be shorter than 24 hours.

For all other indications stated above the product should be administered once.

The rubber stopper of the vial may be safely punctured up to 25 times. Otherwise, automatic syringe equipment or a suitable draw-off needle should be used for the 20 and 50 ml vials to avoid excessive puncturing of the closure.

## **ADVICE ON CORRECT ADMINISTRATION**

See “Dosage for each species, routes and method of administration”

## **WITHDRAWAL PERIODS**

Cattle, pigs: Meat and offal Zero days

Cattle: Milk Zero hours

## **SPECIAL STORAGE PRECAUTIONS**

Keep out of the sight and reach of children.

Store in a refrigerator (2 - 8 °C).

Keep the vial in the outer carton in order to protect from light.

Do not use this veterinary medicinal product after the expiry date which is stated on the carton and vial label after “EXP”. The expiry date refers to the last day of that month.

Shelf life after first opening the immediate packaging: 28 days

When the container is broached (opened) for the first time, using the in-use shelf-life which is specified on this package insert, the date on which any product remaining in the vial should be discarded should be worked out. This discard date should be written in the space provided on the label.

## **SPECIAL WARNING(S)**

### Special warnings for each target species:

The responsiveness to carbetocin of the myometrium is likely to be close to zero from the 5th to the 11th day post partum. Therefore, the administration of the veterinary medicinal product during this period is likely to be inefficient and should be avoided.

If treatment with carbetocin should fail, then it is advisable to reconsider the aetiology of the condition, specifically if hypocalcaemia could be a complicating factor.

In case of severe septic metritis, appropriate concomitant therapy should be instigated when administering the veterinary medicinal product.

### Special precautions for use:

#### Special precautions for use in animals:

None.

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

In case of accidental self-injection uterine contractions could be induced in pregnant women.

Pregnant women, women post-partum and breast-feeding women should not administer this product, in order to avoid an accidental exposure.

In case of an accidental self-injection of the veterinary medicinal product in non-pregnant women the following effects may occur: facial flushing and warmth, lower abdominal pain. These effects usually disappear within a short span of time.

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

Personal protective equipment consisting of disposable gloves should be worn when handling the veterinary medicinal product.

Carbetocin may be absorbed through the skin. In case of accidental contact with the skin, the corresponding area should be thoroughly cleaned with soap and water.

In case of contact with the eyes, they should be thoroughly rinsed with water.

People with known hypersensitivity to carbetocin or any of the excipients should avoid contact with the veterinary medicinal product.

Women of childbearing age should administer the product with special caution.

Use during pregnancy, lactation or lay:

The veterinary medicinal product is indicated to induce milk ejection.

See also "Contraindications".

Interaction with other medicinal products and other forms of interaction:

The administration of oxytocin after the administration of the veterinary medicinal product is unnecessary. Due to a possible intensification of the effect of oxytocin, undesirable uterine spasms may be induced.

Overdose (symptoms, emergency procedures, antidotes):

An overdosing of more than 400 µg of carbetocin/animal could increase the stillbirth rate in older sows if administered during prolonged parturition.

An overdosing of 600 µg of carbetocin/animal may induce profuse lactation in sows that may result in diarrhoea, reduced weight gain and increased mortality in their piglets.

Carbetocin is considered as moderately irritant. At the injection sites of treated animals, focal lymphocytic infiltration was observed at higher doses (1000 µg of carbetocin/animal).

Incompatibilities:

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

**SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCT OR WASTE MATERIALS, IF ANY**

Medicines should not be disposed of via wastewater or household waste. Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

To be supplied only on veterinary prescription.

**OTHER INFORMATION**

Package sizes:

50 ml vial

Not all package sizes may be marketed.