

FETOL

Q-0209-007



Injectable solution

Oxytocic



Formula

Each ml contains:	
Synthetic oxytocin	10 UI
Vehículo c.b.p	1 ml

Uso en especies



Bovine



Equine



Ovine



Caprine



Canine



Porcine



Feline

INDICATIONS AND USES

Election medicament for the induction of work birth only for reasons medical and not by convenience. Uterine inertia dysfunctional, plkacental retention, expulsion of uterine exudates and fetal sack. Stimulating of the milk secretion

CLINICAL PHARMACOLOGY

• DRUG KINETIC:

The uterine response to the action of the oxytocin is produced almost immediately after being contacted by its receptor in the cells of the smooth muscle which gradually increase during the course of the pregnancy and more numerous, particularly towards the end. The uterus generally responds 3-5 minutes after the administration.

The duration of the effect in canines after its application E.V., I.M. or S.C.

is known to be 13 to 20 minutes respectively. In caprines this value is known to be approximately 22 minutes.

• PHARMACODYNAMICS:

The oxytocin is absorbed very quickly from the site of the parenteral injection. It acts rapidly with a latency of less than 1 minute after intravenous injection and 2 to 4 minutes after intramuscular injection.

The oxytocic response lasts from 30 to 60 minutes after intramuscular injection though it can be shortened by intravenous injection.

The oxytocin is distributed to all extracellular liquid. It is believed that small quantities of drugs cross the placenta and enter fetal circulation.

The oxytocin is rapidly metabolized in the liver and the kidneys and by a circulating enzyme, oxtocinasa.

30% of the dose is eliminated after a few hours. The average time is 20- 30 minutes in the various species on which it has been used.

The excretion of the oxytocin from the plasma takes place mainly in the liver and kidneys. Less than 1% of a given dose is excreted in anunaltered form through urine.

DOSIS: DAILY

Animal	Dosis
Bovines and equines	10 ml
Ovines, caprines and porcines	3 - 5 ml
Canines and felines	1 - 3 ml

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ROUTE OF ADMINISTRATION: INTRAMUSCULAR, SUBCUTANEOUS.



WARNING

Do not use the product in pregnant females.
Store at room temperature at no more than 30°C in a dry place.
Keep out of the reach of children.
Product for exclusive use in veterinarian medicine.
Sold by prescription only.

WITHDRAWAL PERIOD

None.

PRESENTATION

10 ml.