

# **VAPCOGENT–5%**

**injectable solution**

**COMPOSITION :** each ml contains :

Gentamicin (as sulphate)

50 mg

## **PROPERTIES :**

- gentamicin is a broad spectrum aminoglycoside antibiotic which is highly effective against many strains of gm+ve and gm-ve bacteria : e coli , salmonella, pasteurella, vibrio, staph, strept, listeria, erysipelothrix , pseudomonas , klebsiella , shigella, proteus , coryne , serratia enterobacter, treponema , alcaligenes, campylobacter, actinobacillus , arizona paracolon , mycoplasma .
- quickly absorbed from the injection site and retained in the blood and tissues for 12-24 hours; besides , it is eliminated unchanged via kidneys resulting in high concentration in the urinary passages .

## **INDICATIONS :**

- for ruminants , equines , dogs , cats , pigs , poultry .
- respiratory tract infections : bronchitis , pneumonia, tonsillitis , tracheitis etc.....
- alimentary tract infections : gastritis , peritonitis , enteritis , scour , bloody diarrhea , vibronic dysentery , etc.....
- urinary tract infections : nephritis ,pyelitis , pyelonephritis , urethritis , cystitis etc.....
- genital tract infections : metritis , cervicitis , and mastitis (supportive treatment )
- septicaemia , arthritis , skin and wounds infections .
- privenction of early mortality of neonates , very young animals, weaners and newly – hatched chicks .

## **DOSAGE : ( BY I.M , S.C. , INTRATUTERINE INFUSION : )**

- **by intramuscubr injection :**
  - **ruminants , equines** : 2-4ml / 50 kg b.wt.
  - **dogs , cats ,pigs** : 1 ml / 10 kg b.wt.
  - the dose in the first day is twice ; subsequently , once daily for not more than 7 consecutive days.
- **by subcutaneous inj.** ( in the neck)
  - day – old chicks : dilute with sterile (distilled water or physiological saline ) 1:100 , and then inject 0.4 ml / chick
  - 1-3 days old turkey poult : dilute with sterile (distilled water or physiological saline ) 1:20 , and then inject 0.4 ml / poult .
- orally for poultry : 2 ml / litre of drinking water for 4-5 days .
- **intra – uterine infusion :** ( cases of metritis , cervicitis ) .
  - cows : 4 ml, one time only , diluted with 20-50 ml of sterile physiological saline .
  - mares : 40-50 ml per day, dituted with 200-500 ml of sterile physiological saline for 3-5 days .
  - in case of pyometra, the exudates must firstly be removed from the uterus .
  - do not use at breeding day.

**SAFETY PERIOD :**

for meat consumption : 45 days .

for milk consumption : 3 days .

**REMARKS :**

- for vapcogent 5% : double the dose , excluding the intra – uterine dosage.
- not given with general anaesthesia, muscle relaxants , other aminoglycosides or polymyxin products.
- not given in cases of kidneys dysfunction .

**SIDE – EFFECTS :** nephrotoxicity , ototoxicity may rarely occur in cat

**STORAGE :** Keep in dry, dark place below 30 °C.

**PACKING :** (50, 100) ml .