

# ***TOCOVIT – S***

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**injectable solution**

**COMPOSITION** : Each ml contains :

Vitamin E Acetate	80 mg
Sodium Selenite	1.6 mg

**PROPERTIES** :

- **Vitamin E** :
  - essential for the proper function of heart muscle.
  - it is antioxidant in cell metabolism.
  - it potentiates the immune mechanism and thus increases the resistance to infections.
- **Selenium (Se)** : is necessary for growth and fertility.
- vitamin e and selenium have mutual – saving effect and function synergistically in protecting against the oxidative damage in cell metabolism, to maintain cellular integrity , and in alleviating the multi – systemic signs of their deficiencies.

**INDICATIONS** :

prevention and treatment of vitamin (E/S) deficiency syndrome:

- skeletal and cardiac muscles disease (nutritional muscular dystrophy / nutritional myopathy) of lambs, kids and calves:
  - stiff- lamb disease (white muscle disease).
  - stiff- calf disease (enzootic muscular dystrophy).
  - pigs :
    - \* mullberry heart disease (enzootic heart disease) due to the extreme degeneration of myocordium.
    - \* hepatitis dietetica.
- reduced vitality, impaired growth, depression of the immune system.
- in pregnancy, to assist prevention of the deficiency syndrome in the new born animals.
- treatment of the reproductive disorders in males and females animals such as :
  - infertility, retained placenta, ovarian cysts, habitual abortion, embryonic death.
  - oligospermia, depressed copulation activity.
- exudative diathesis, arthritis, liver necrosis.

**DOSAGE** : by intramuscular or subcutaneous injection.

- **Lambs, Kids** :
  - **new born** : 0.5 ml .
  - **older animals** : 0.5-1 ml.
- **Calves** : 1-2 ml per 45 kg b. wt.
- **Pigs** : 1 ml per 25 kg b. wt.
- repeat the above-mentioned doses after 2-4 weeks, if necessary.
- **Pre-natal**: for protection of the new born lambs, kids and calves against deficiency:
  - **Ewes, Goats**: after (3) months of pregnancy: 2 ml per 50 kg b.wt.
  - **Cows** : after (5) months of pregnancy: 2 ml per 50 kg b.wt.
  - repeat the dose, if necessary , for ewes, goats and cows, at not less than 2-week intervals for maximum of (4) doses.

**SAFETY PERIOD:**

- for meat consumption: 14 days.
- for milk consumption : 5 days.

**REMARKS :**

- do not exceed the recommended dose.
- not used for lactation dairy cattle.
- occasional anaphylactic reactions may occur. in such case, administer epinephrine immediately.

**STORAGE :**

- keep out of reach of children.
- keep in dry , dark place below 30 °C..

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