

# **FAILURE OF PASSIVE TRANSFER**



### WHAT WE KNOW



Multiple studies have shown that failure of passive transfer occurs in **10-20**% of foals rising to **30**% in those that require hospitalization.

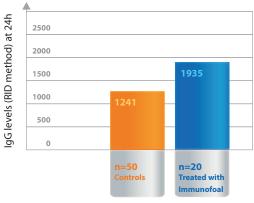


Multiple factors can contribute to immunodeprivation in foals:

- Descreased colostrum quantity, poor colostrum quality
- Mares reluctant to let foals suckle
- Weak foals



A study suggests a 50% increase in IgG levels of supplemented foals in comparison with controls. It also showed an increase in R. Equi antibodies and a lower virulence factor in the treated group. (1)



1. Davis J, Gaskin JM, Hietala SK, et al. Oral administration of concentrated equine serum to newborn foals prevents failure of passive transfer of immunoglobulin and provides passive immunity for Rhodococcus equi. Proceedings 41st Annual Conv Am Assoc Equine Practur 1995: 176–177



## **AUDEVARD SOLUTION: IMMUNOFOAL**

- 100% equine origin IgG, sterile
- Ready-to-use solution: No thawing and no rehydration or mixing
- Reduced volume (30g of IgG in 300ml) adapted to a foal's stomach
- Long storage: up to 3 years:
  - Keep between 2 and 7°C
  - Feed at body temperature

**JSES** 

- Partial or complete failure of passive transfer
- Preventive supplementation in valuable foals





# **IMMUNOFOAL**

#### **NEWBORN FOALS**

#### Description

Foals are born without immune defences and it is the mother's colostrum ingested during the first 12 hours of life that provides them with their first antibodies (IGg), which will protect them during the first two to three months of life. However, orphan foals, or foals unable to suckle, are not the only horses that require additional IgG intake. If the mother's colostrum is of poor quality, it may make the foal more vulnerable in the first months of life.

#### Purpose

IMMUNOFOAL is designed to provide additional nutritional support for newborn foals requiring immunoglobulin G (IgG).

#### Formula

IMMUNOFOAL is produced using an exclusive process that concentrates Equine IgG without affecting its integrity. One bottle of IMMUNOFOAL is therefore almost twice as concentrated as a mare's colostrum and four times more concentrated than plasma. It can be stored for up to three years in the refrigerator.

#### Our advice

IMMUNOFOAL is not only for your customers to have on hand in case of emergency during foaling. Tell them that maximising the immune defences of high-value foals (financial or sentimental) by giving one bottle of IMMUNOFOAL on the day of the foal's birth provides additional support for getting through the critical period of the few first months of life.

#### Instructions for use

Give IMMUNOFOAL oraly in two 150 ml doses 1 - 2 hours apart (one bottle = one foal). The use is optimal during the first 12 hours of life. Keep the product in the refrigerator and away from light. Do not freeze. Feed at body temperature:

- 1 bottle in cases of presumed partial failure of passive transfer (FPT)
- 2 bottles in cases of complete FPT

#### Professional format

300 ml bottle - (EAN 3401143580232). Product delivered without teat.

Composition for 300 ml

Equine serum (IgG 30 g)

**Analytical constituents:** humidity> 10%, crude fibres 0.1%, crude fats 0.7%, crude ashes 0.8%, sodium 0.28%

This product belongs to the complementary feed for foals category.

Product controlled in the context of Audevard Anti-Doping Program.

Protocol details at www.audevard.com.