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Short Communication

SUCCESSFUL TREATMENT OF AGALACTIA IN POST FOOT AND MOUTH DISEASE AFFECTED COWS

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ABSTRACT
The study was undertaken in 15 FMD affected cows presented for agalactia. Two cows were kept as control. Others were treated with prednisolone and dextrose parenterally, and herbal lactogenic drugs orally. Trial cows showed more than 75-90% return of previous milk yield from7-15 days, while control cows showed no satisfactory results.

Keywords: *Post FMD Affected Cows, Agalactia, Prednisolone, Dextrose, Herbal Boluses*

INTRODUCTION
In FMD affected full term cows, after recovery, following recovery agalactia (Bradford, 2014) and hypogalactia are the common sequels.

MATERIALS AND METHODS
Fifteen cows between 2 to 5 calving, and4 to 8 years of age were taken into study. All were cross bred and one was non-descriptive. The cows were affected with FMD 1 to 2 months back and now completely recovered, with normal feeding and other usual habits.
While clinically presented, all were calved 1 to 3 days back with the history of only agalactia. Previous lactation of these cows ranged between 10 and 22 litres per day. 12 cows had previous local treatment for one to three days but agalactia persisted.
On clinical examination, udders were not fully developed in 10 cowsand other 5 cows had full development. While stripping, thick honey/ oil like viscus liquid noticed. When this liquid dissolved in little quantity of water, the water turned to be like diluted milk. Two cows werekept as control.
Except the two control cows, remaining cows were treated as follows., Prednisolone acetate 100mg (MSD animal health) i/m on first and fourth days, Dextrose (Rintose -Wockhardt) 2 litresi/v on 1,3,5,8th days were administered. Dugdhdan (Cattle remedies) 4 bolus and Leptaden (Alarsin) 10 tablets (Narasimhamurthy,1969) were administered for 10 days. Good feeding, udder massaging and daily 4-6 times milking were done.

RESULTS AND DISCUSSION
From 3-5days, on stripping, milk secretion noticed and gradually started to increase in quantity. From 7-15 days, 75-90% of the previous yield recovered. One control cow showed nearly 25% of the previous yield and the other showed no improvement even on 15th day and was sold.

Conclusion
Agalactia in FMD recovered cows successfully treated with prednisolone, dextrose and herbal boluses with good return of milk yield.

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