

## **Sulphonamides in mastitis / Pharmaceutical Specialities (May & Baker) Limited.**

### **Contributors**

Pharmaceutical Specialities (May & Baker) Limited.  
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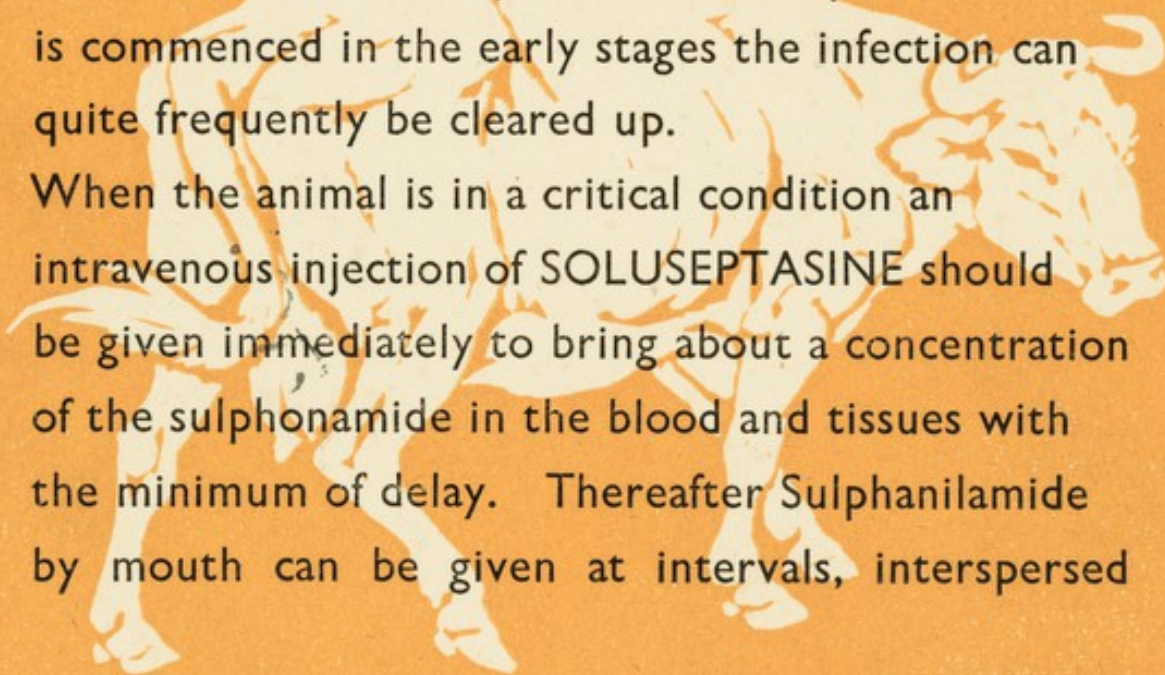
# SULPHONAMIDES IN MASTITIS

The position of sulphonamide therapy in bovine mastitis is a somewhat controversial one but when the treatment is correctly applied good results can be obtained in many cases.

## **SOLUSEPTASINE and Sulphanilamide (May & Baker)**

The use of SOLUSEPTASINE and Sulphanilamide is indicated in cases of streptococcal origin. Many acute cases of mastitis are due to haemolytic streptococci of various serological groups. If treatment with these products in adequate doses is commenced in the early stages the infection can quite frequently be cleared up.

When the animal is in a critical condition an intravenous injection of SOLUSEPTASINE should be given immediately to bring about a concentration of the sulphonamide in the blood and tissues with the minimum of delay. Thereafter Sulphanilamide by mouth can be given at intervals, interspersed





with subcutaneous injections of SOLUSEPTASINE, when the latter method of administration is found more convenient. For the first forty-eight hours dosage should preferably be carried out at intervals of eight hours and thereafter at twelve-hourly intervals, until complete recovery is obtained, with a maximum period of treatment of about ten days.

### **Dosage**

SOLUSEPTASINE—20 c.c. per cwt. body weight, this quantity being doubled in the case of the initial dose.

Sulphanilamide—The average unit dose is 1 oz. In the case of the initial dose three or four times this quantity should be given.

## **CHRONIC STREPTOCOCCAL MASTITIS**

Control of this type of mastitis based on the detection and segregation of infected animals can be supplemented by treatment either by sulphonamides or acridine preparations, or both.

Fuller information on the treatment of this type of mastitis by Sulphanilamide and by udder irrigation with Euflavine is contained in our pamphlet entitled "Streptococcal Mastitis," copies of which can be obtained from our Veterinary Department on request.

### **DAGENAN—M & B 693**

DAGENAN is recommended for further trial in cases of "summer mastitis" ("dry mastitis") due to *Corynebacterium pyogenes*.



In a small series of cases of this type of mastitis treated in Northern Ireland, encouraging results have been obtained (Thompson, *Veterinary Record*, 52, No. 46, November 16th, 1940, page 799).

It is advised that cases for treatment should be carefully selected. The infection of the udder should be of an acute type associated with a rise in temperature and general disturbance of the health of the cow.

Little benefit is expected in chronic cases in which the infection is localised to the udder with extensive fibrosis. Also, as is the case with any treatment for mastitis, unless the infection can be eliminated soon after its onset the milking capacity of the udder cannot be maintained as the inflammation in the gland is repaired by fibrous tissue formation with consequent reduction in milking capacity.

It is considered, however, that in severe cases, where a fatal prognosis would normally be given, the actual life of the cow can frequently be saved by adequate dosage of DAGENAN, even though the affected quarters are lost.

### **Dosage**

9 Grammes per cwt. body weight as an initial dose followed by 3 grammes per cwt. The average doses are 75 grammes followed by 25 grammes.

Administration should be carried out three times daily for the first two or three days and later twice daily, as the condition of the animal improves.



## SUPPLIES

SOLUSEPTASINE, Sulphanilamide and DAGENAN are supplied as follows :—

### ★SOLUSEPTASINE

20 per cent. solution :

Bottles of 30 c.c.	...	...	...	7/6
Bottles of 500 c.c.	...	...	...	48/-

### SULPHANILAMIDE (May & Baker)

Containers of 1 lb. powder	...	...	22/6
Containers of 14 lb. powder.	Prices on application.		

### ★DAGENAN—M & B 693★

Packages of 25 Gm. powder	...	...	6/-
Packages of 500 Gm. powder	...	...	118/-

These prices are subject to a discount of  $33\frac{1}{3}$  per cent.

★Trade Mark

*May & Baker veterinary products are available  
only to members of the veterinary profession.*

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