



REVIEW ARTICLE

A CASE REPORT ON THE USE OF HOMEOPATHIC MEDICINE TO TREAT DERMATOPHILOSIS IN A MURRAH BUFFALO

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ABSTRACT

A three and a half-year-old pregnant (5 months) graded Murrah buffalo was brought to Jibachha veterinary hospital research & training center (P)Ltd. Chitwan, Nepal with the history of dirty yellow-colored scabs and crusts all over the body. The present case was tentatively diagnosed as Dermatophilosis by clinical examination when skin scraping was negative for mites and fungus. The animal was treated with homeopathic remedies, which was selected by using homeopathic software. Sulphur 200 C, Thuja Occidentalis -30, Graphite-200 C, Psorinum 200 C, and Ferrum Phos-30 combined and given @10 drops three times a day and an external application of a solution of Calendula Q and Thuja Q combined with water once a day. Complete recovery was noticed after eighteen days of therapy.

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INTRODUCTION

A three and a half-year-old, pregnant (5 months) graded Murrah buffalo, was referred to Jibachha Veterinary Hospital research & Training Center (P) Ltd. Bharatpur-4, Chitwan, Nepal from Bharatpur-8, Parasnagar, Chitwan, Nepal with the history of filthy yellow scabs and crusts all over the body. Upon clinical examination, the animal's skin had papules as well as unclean, yellowish to brown scabs and crusts throughout its body and scabs and crusts were difficult to remove (Figure 1 and 2). Skin scrapings were taken to rule out mites and fungi. Vital signs such as heart rate and pulse rate were normal and appetite was also normal. In order to look for the presence of mites or fungi, the skin scrapings were also examined under direct microscopy with 10% potassium hydroxide. Excision of the skin did not uncover any fungal or mite infections.

TREATMENT AND DISCUSSION

The animal was treated with using homeopathic remedies selected with the use of homeopathic software (Fig 3). Sulphur 200 C, Thuja Occidentalis-30, Graphite-200 C, Psorinum 200 C, and Ferrum Phos-30 combined and given @10 drops three

times a day and an external application of a solution of Calendula Q and Thuja Occidentalis Q combined with water once a day for 10 days. After the animal received medication for ten days, there was a discernible improvement. The animal condition was improved uneventfully after eighteen days of therapy (Fig 4 & 5). A skin condition that affects cattle in tropical nations that is economically significant is called bovine dermatophilosis (Tresamol and Saseendranath, 2015). There are no reports of a dermatophilosis outbreak in Nepal. The disease is more common in animals kept in warm, humid environments. The disease has not been recorded in Nepal; however, it has been reported to be more common in India during the post-monsoon season (Ranjithkumar et al., 2012b).

Bovine dermatophilosis considered as economically important diseases of cattle in tropical countries (Tresamol and Saseendranath, 2015). There are no reports of a dermatophilosis outbreak in Nepal. The disease was more common in animals kept in warm and humid environments. The disease has not been recorded in Nepal; however, it has been reported to be more common in India during the post-monsoon season (Ranjithkumar et al., 2012).



Fig. 1 and 2. Animal with scabs and crusts (Day 0)

Remedy	Sapth	Caust	Sep	Calc	Ars	Nat-c	Carb-v	Lach	Dulc	Iyc	Sil	Ant-c	Thuy	Phos	Merc	Hep	Non-us
Totally	46	41	41	37	33	31	30	29	29	28	28	28	28	27	25	24	24
Symptoms Covered	15	15	14	15	13	13	12	12	11	13	12	10	10	11	10	10	9
Kingdom	4	4	4	1	3	2	4	3	3	2	2	3	1	2	1	2	2
(Kent) [Skin]EruptionScabies: (51)	3	3	3	2	3	2	3	2	2	2	2	2	3	2	2	2	2
(Boerling) [Skin and exterior body]ItchScabies: (42)	4	4	4	1	3	2	4	3	3	2	2	3	1	2	1	2	2
(Therap) [Skin]EruptionItch scabies: (41)	4	4	4	1	3	2	4	3	3	2	2	3	1	2	1	2	2
(Koner) [Skin]EruptionScabies (itch): (33)	4	3	3	3	3	3	3	3	3	2	2	3	4	3	3	3	3
(Juppe) [Skin]Itch, scabies: (17)	2	1	2	1	1	2	1	1	1	3	2	2	4	3	3	3	3
(Phatak) [Phatik A-Z]Eruption tendency toitch like scabies (-):	3	2	2	1	1	2	1	1	1	3	2	2	4	3	3	3	3
(Clarke) [Clinical]Scabies: (8)	2	2	2	1	1	2	1	1	1	3	2	2	4	3	3	3	3
(Special) [Bio-chemic]EruptionScabies: (3)	2	2	2	1	1	2	1	1	1	3	2	2	4	3	3	3	3
(Complete) [Skin]EruptionItch-like, scabies: (118)	4	4	4	1	3	2	4	3	3	2	2	3	1	2	1	2	2

Fig. 3. Homeopathy software reparatory



Fig.4 & 5. After 18 days

According to M. Ranjithkumar *et al.*, (2018), the animal was successfully treated oxytetracycline, normal saline, and chlorpheniramine maleate. Under field conditions a single injection of long acting Oxytetracycline was found effective in treating dermatophilosis (Ilemobade *et al.*, 1979). Other cases were also reported. But none of them involved the use of homeopathic medicine, so this is likely the first instance where homeopathy was successfully used at a low cost. This study details the occurrence of dermatophilosis in a buffalo and details its full clinical recovery after homeopathic treatment from Nepal.

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