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Treatment of mastitis using homeopathy in Rathi cattle

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Abstract

Homeopathy is an alternative system of medicine which is not new in the field of veterinary practice. A number of veterinary disorders have been successfully treated through Homeopathy. Homeopathy relies on the principle of like cures like and obtained from plants, animals and minerals with the help of dilution and succussion process so that only a small amount of original substance remains to cure various disorders. Six cows of Rathi breed weighing about 350 kg were affected with mastitis at Shri Ganga Das Maharaj Triveni Dham Gaushala in Shahpura, Jaipur. The vital parameters of the cows were normal but flakes were present in their milk. Also, the milk production was not upto the mark. CMT test was performed to screen the cow's milk. On CMT, the score was distinct positive (++) indicating distinct slime but no gel formation. The decision was made to treat the cows with a homeopathic medication by the brand name MESTEAT (Marketed by Ever Salient Pharma and Manufactured by A2Z Healthcare Pvt. Ltd.in India). The MESTEAT liquid contains Belladonna 3X, (5 ml); Chamomila 3X (5 ml); Mercurius Solubilis 3X (2 gms); Phytolacca 2X (5 ml) and Silicea 3X (2 gms). The MESTEAT liquid was given orally @5ml, 3 times, daily for about 2 months. After two months, the CMT score was recorded which showed negative result indicating complete elimination of infection and full recovery.

Keywords: Homeopathy, Succussion, CMT, gaushala

Introduction

Holistic veterinary medicine is that branch of veterinary medicine that uses alternative medicine for treating various ailments of animals. Alternative medicine includes several practices like acupuncture, herbal medicine, homeopathy, acupuncture, ethno-medicine and chiropractic.

Homeopathy is a branch of alternative medicine which relies on the principle of *similia Similibus curantur*, which means like cures like. Striezel (2001) [3] considered homeopathy as a regulatory therapy, which promotes healing by stimulating the individual immune system and regulating the body metabolism. There is a huge list of veterinary ailments that have been successfully treated with the help of homeopathy. This includes skin allergies, tumors, pemphigus, heat stroke, diarrhea, vomition, corneal ulcers and so on. It is believed that homeopathy eliminates disease by strengthening and harmonizing the body's own defense mechanism. In homeopathy, dynamized micro doses are used to stimulate the body's innate healing mechanism.

Homeopathy is useful to treat simple acute injuries as well as deep seated chronic injuries. Homeopathy requires specialized training and knowledge to provide effective therapy. Homeopathy has been constantly compared with Allopathy which is the modern system of medicine. However, they work on different principle. The allopathic medicine is based on 'opposite suffering' for example, for fever, we prescribe antipyretic drugs are prescribed and for inflammation, anti-inflammatory agents are prescribed. On the other hand, homeopathy is based on 'similar suffering' which means that the same medicine which can cause symptoms of illness in a healthy patient can also cure an ill-patient that is suffering from similar symptoms.

Homeopathic medications are extracted from plants, animals and minerals through the process of dilution and succussion so that only a small and safe amount of original substance remains in the remedy.

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Homeopathic medication are dosed according to their strength i.e. potency means the number of times the remedy has been diluted. This is known as law of Potentization. The most common potency is 30c. However, this should be kept in mind that when we prescribe allopathy, and homeopathy should never be prescribed at the same time.

Place of work

Triveni Dham is one of the religious places in the Shahpura tehsil of Jaipur district, Rajasthan. This is known for Padamshree Narayandas ji Maharaj. The cattle donated by

disciples are kept at nearby situated Shri Ganga Das Maharaj, Triveni Dham Gaushala which contains approximately 1000 cows.

Case history and Symptoms

Six cows of Rathi breed from the Ganga Das ji Maharaj Gaushala, Triveni Dham weighing about 350 kg were found to be presented with flakes in their milk. The vital parameters of the body were normal. The milk production was reduced since last 3 weeks.



Fig 1, 2: Examination of cows in the Gaushala

Diagnosis

California Mastitis Test (CMT) was performed to screen the milk. Milk from all the four quarters was collected in the four shallow cups of CMT paddle. Then, equal amount of CMT reagent was added in each cup and rotated clockwise and then anticlockwise gently in a horizontal plane. The result revealed distinct positive (++) with a score point of 2 indicating distinct slime but no gel formation.

Treatment given

The decision was made to treat the cows with a homeopathic medication by the brand name MESTEAT®. MESTEAT® is marketed by Ever Salient Pharma and manufactured by A2Z Healthcare Pvt. Ltd. in Haridwar, India.

Composition: Each 100 ml of MESTEAT contains Belladonna 3X, (5 ml); Chamomilla 3X (5 ml); Mercurius Solubilis 3X (2 gms); Phytolacca 2X (5 ml) and Silicea 3X (2 gms).

The MESTEAT liquid was given orally @5ml, 3 times, daily for 20 days.



Fig 3, 4: Homeopathic medication for mastitis**Results**

After 20 days, CMT was performed again which showed negative result (N) with a score point of 0 indicating complete elimination of infection and full recovery. According to the manufacturer, this medication can be used to treat acute as well as chronic mastitis. It is also claimed to be an effective remedy for fibrosis and promoting udder health.

Discussions

In the present case report, six cows of Rathi breed suffering from mastitis has been successfully treated using a homeopathic medication. Kent (1966) [2] reported the extensive use of *Phytolacca / Poka* root by cattle raisers in case of thick cow's milk and the presence of lumps in the mammary gland. Boericke (1969) [1] has prescribed *Phytolacca* (200X German Tincture) for mastitis & galactorrhoea. It was given orally as 10 drops two times a day for 4 consecutive days. *Phytolacca* is a useful remedy in case of hard, swollen and stony udder accompanied with curdled milk in acute stage and small clots in chronic stage ascribed the effectiveness of a commercial homeopathic preparation to treat fibrosed / nonfibrosed mastitis, udder edema and haemogalactia in lactating buffaloes. The homeopathic preparation contains: *Phytolacca 200c*, *Calcarea fluorica 200c*, *Silicea 30c*, *Belladonna 30c*, *Bryonia 30c*, *Arnica 30c*, *Conium 30c* and *Ipecacuanaha 30c*. It was given as 10 pills, 4 times / day until recovery. Treatment was 80 and 96.72% effective in cases of fibrotic mastitis and non-fibrosed mastitis, respectively. This was explained as anti-inflammatory effect of *Phytolacca* on glandular and fibrous tissue, analgesic effects of *Bryonia*, absorptive effect of *Silicea* on fibrotic and scar tissue, anti-inflammatory effect of *Belladonna*, antihemorrhagic and antiseptic effect of *Arnica*, local decongestive effect of *Ipecacuanha* and *Calcarea fluorica*. Kumar (2020) [7] used homeopathic remedies to treat fibrosis in cows. These remedies were *Conium maculatum 200c*, *Carboanimalis 200c* and *Silicea 200c*. *Carboanimalis* is one of the long acting medicines used in inflammation. Day (1992) [5] reported that *Silicea* stimulates expulsion of foreign body from tissues in chronic low-grade inflammations. Madrewar (1996) [6] reported that *Conium maculatum* acts on glandular system causing engorgement and indurations by altering the structure.

Conclusion

In conclusion, we have found that the homeopathic medication named MESTEAT® is quite effective in treating mastitic cases in Rathi cattle and can further be used safely in other animals suffering from mastitis.

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