

The Pomade for Treatment of Bovine Papillomavirus-Induced Warts in Teats

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Abstract : Bovine Papilloma Virus (BPV)-induced warts can cause mastitis, teat blindness, reduction of milk yield, udder deformities, and a difficulty in getting the teats into the milking machine. Especially, surgical operations cannot be performed in BPV-induced teat warts because of the increased sensitivity of the breast region and small-sized papillomas. Thus, there is a need to find new topical treatment methods. We have developed a pomade for treatment of BPV in cattle. The pomade is consists of lanoline, snakeskin (two special kind of snake), alcohol, vaseline, and ether. Firstly, we determined 46 cattle with teat warts. In the study, BPV antigen was detected in 28 cattle blood samples (61%) by ELISA. The pomade was applied to all BPV infected animals. The regression and recovery of warts were 100% in all animals. We advised using the pomade for treatment of BPV-induced warts in teats.

Keywords : bovine papilloma virus, pomade, teat, udder

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