

# Global Veterinary Summit

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## One step ahead – To prevent mastitis in dairy animals

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**B**ovine mastitis is very common in cows of both developed and developing countries. The prevalence of clinical and subclinical mastitis (SCM) varies from country to country. Various studies have been carried out to determine the prevalence of mastitis using various diagnostic tests by considering different risk factors like management practices, age, lactation, breed, season, quarters, and herd. It is observed that the older age and cows with later part of lactation period were more prone to bovine mastitis, and exotic breeds like Holstein freshen (HF) were more susceptible to bovine mastitis. Clinical and sub-clinical mastitis causes the most losses for milk producers the world over, despite the knowledge possessed by veterinary medicine and researchers. Mastitis is the single biggest cause of slaughter amongst dairy cows in the world. Milk producers can handsomely profit from addressing the long-term health of their livestock udders. Many factors affect this health status, ranging from feed and water to the cow's immediate environment; bedding material, hay quality, general barn hygiene, milking procedures etc. There are no shortcuts when it comes to udder health. It requires targeted initiatives and determination by both livestock supervisor and owners to achieve long lasting change. There are countless success stories when udder health is actively addressed on a daily basis. The prevalence of subclinical and clinical mastitis was more in single and two quarters, respectively, and the rate of bovine mastitis was more in unorganized herds. It reflects that SCM is directly associated with management practices, age, lactation period, and environmental factors of the cow and clinical mastitis is more associated with breed, management and environmental conditions.

### Biography

Sameer Sawant has a Master's of Veterinary Science degree and NET in Livestock Production & Management from ASRB. He is Vice-President in IDD Juvelit Group. He has completed Post-graduate in Marketing Management. He has Delivered Radio talks on "Veterinary & Animal Management" and has published more than 25 popular and research articles. He is Life member of various renowned Veterinary Associations and Management Institutes and Advisor to Vision 2020. He completed Management Development Courses: IMD, Switzerland; INSEAD, SIM, Singapore; IIM, Ahmadabad, India, was a Past Managing Board member and a Treasurer in Industry associations (CLFMA), (INFAH), CII, FICCI and a speaker in Industry Association Forum.

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