



## **Pre and Post Teat Dipping a Critical Point of Udder Health and Quality of the Milk in Albania**

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**Abstract:** Udder health and quality of the milk are closely related with application of pre-milking preparation of mammary gland and teat disinfection. This study was carried out on dairy cattle farm "NATURAL" in Ndroq - Tirana. Results of this study shown that application of relevant practices on mastitis controls associated with improving of quality of the milk and reduction of the subclinical mastitis. Laboratory analyzes of the milk shown decreasing both the Somatic Cell Count (SCC) and Total Aerobes, which they are the best indicators of the udder infection. In this study we have monitored the role of correct practices application of mastitis prevention such as pre and post teat dipping and other relevant hygienic on udder health and quality of milk. The results have been shown that rigorous using of such practices causes a significant reduction of TA and SCC, 91% and 50% respectively. In addition those measures have an obviously impact on improving of chemical indicators of milk, such as protein, pH and fat. In conclusion systematic using of selected disinfectant into the washing water, individually mono-using paper towel for wiping off the udder, and correct application of the pre and post dipping, is essential for quality of the milk.

**Key Words:** *Udder health, Somatic Cell Counts, Total Aerobe, dipping.*

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