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Gangrenous Mastitis In Ewes: Report of two cases in Al Muthanna veterinary hospital/ Al Muthanna governorate/ Iraq

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Abstract

Recently, there is an increasing in the raising of small ruminants in order to meet the high demands for ewe's milk and milk products globally. However, gangrenous mastitis is one of the most difficult problem to be encountered. This study intends to describe the clinical and laboratory investigations of two gangrenous mastitis cases in local Iraqi ewes and to discuss the treatment plan. The routine physical examination of the udder revealed an obvious traditional clinical signs of gangrenous mastitis on both ewes especially skin discoloration and coldness of the affected quarters. *Staphylococcus aureus* and *Mannheimia haemolytica* were isolated from the udders secretions. The author recommends to do the earlier routine therapeutic management with prompt surgical removal of the affected quarter. Moreover, furthers studies are needed to be done on ovine gangrenous mastitis to understand its epidemiological aspects in order to implement the suitable prevention and control program.

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