



Title: Surgical Managements of the Urogenital Problem in Male Cattle

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Obstructive urolithiasis is urine retention due to the calculi lodgment in the urinary tract. Thus, treatment of urolithiasis is basically to establish normal urinary passage, which can be accomplished in various ways depending on the severity of the condition. This case report describes surgical management of urolithiasis through penile amputation in a five-year-old local breed bull that was brought to the Veterinary Teaching Hospital of the Addis Ababa University, Bishoftu Ethiopia with a complaint of difficulty in passing urine that had developed certain days before presentations. Upon presentation, the animal was found to be dull, depressed, and tail wringing, stamping the feet, kicking at the abdomen, and stretching was observed. On clinical examination through per rectal palpation, the urinary bladder was distended. Based on the history and rigorous clinical examination the case was tentatively diagnosed as obstructive urolithiasis. Then penile amputation was performed through post-scrotal approach after aseptic preparation and controlling of animal in appropriate position. Fortunately, after surgery,

the animal was urinated continuously and postoperative follow-up and complications was recorded. Finally, the bull was uneventfully recovered and skin suture was removed at 15th day of operation.

Keywords: *Bull, Obstructive urolithiasis, Penile amputation*

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BIOGRAPHY

I completed my master's degree at age of 27 years in veterinary surgery from Addis Ababa University, Ethiopia. Currently, I am working as a lecturer at Wollega University in school of veterinary medicine. I have one more publications

and the rest are ongoing process since I am a junior academician!

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