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Manual correction of penile prolapsed condition in Soft shell turtle

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Abstract

A soft shell turtle presented with history of black, swollen structure protruding below the tail since 4 days reported at the Veterinary Hospital Kasdol, Balodabajar Chhattisgarh, India and the condition earlier diagnosed as cloacal prolapse, later confirmed as penile prolapse. Protruding mass was washed with normal saline and applied ice fomentation for 2 days and carefully pushed back then rectal portion was pushed but penile part was again came out. After application of xylocaine spray around the protrusion again tried to push it back then the cloaca was remained inside and did not came out. Enrofloxacin @5 mg/kg B.W. im, was given to the animal once daily up to seven days and the animal recovered uneventfully at days and prolapsed did not appears.

Keywords: Soft shell turtle, rectal prolapsed, penile prolapse, xylocaine spray, enrofloxacin

Introduction

In turtle cloaca is common passage for digestive, reproductive and urinary tract. In soft shell turtle prolapse or eversion of the cloaca occurs including digestive, reproductive and urinary tract (Korkmaz *et al.*, 2014) [1].

Cloacal prolapsed may seen in those turtles that have been out of the water for long time or are suffering from intestinal obstruction or impaction. Once the patient is returned to the water, most prolapses resolve without treatment (Doğu *et al.*, 2015) [2].

There is a 5 years (Approx) old soft shell turtle wt 630gm case presented to the veterinary hospital Kasdol, Balodabajar Chhattisgarh with complaint of a big mass blackish in color protruded below the tail region since 4 days. History noted that owner often keep turtle outside of water. Defecation, urination and appetite were normal. On close examination it diagnosed as penile portion with rectum prolapsed. The animal was kept in a tub of normal saline to avoid further injury to the penis and was allowed to be healing naturally.

Material and Method

After identification of prolapsed mass in first 2 days treatment was given to reduce the big inflamed mass. The mass was washed with normal saline and then application of betadine antiseptic solution was done. Prolapsed mass was tried to push back after application of prolapsin power. The rectal mass was inserted back but after some time penile portion again came out because of straining. On third day again the prolapsed mass was washed with normal saline, metrogyl, betadine respectively then xylocaine spray was used over the mass (Mans *et al.*, 2011b; Spadola *et al.*, 2015) [3, 4]. After application of liquid paraffin for lubrication the prolapsed mass was insert back manually. This time because mass was reduced and local anesthesia applied soft shell turtle did not strain and mass retained there. Treatment was instituted with Enrofloxacin @ 5 mg/kg B.W. im, once daily up to seven days (Spadola *et al.*, 2015) [4]. and animal was kept all 5 days in oral medication instacal syrup, zipvit multivitamin syrup, melonex drop, and no occurrence of protrusion again (Korkmaz *et al.*, 2014; Doğu *et al.*, 2015) [1, 2].

Result and Discussion

Causes of the prolapsed still not clear but owner normally keep turtle outside of water. There are cases reported of penile prolapsed due to trauma, constipation, infection, after coapultion, neurological disease also due to lack of water remaining time etc.

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