

Review Form 3

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_125301
Title of the Manuscript:	Dystocia caused by uterine rupture due to overdose of oxytocin therapy in a Labrador bitch
Type of the Article	Case Report

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<ul style="list-style-type: none"> This manuscript addresses a significant topic in veterinary obstetrics, particularly in the management of dystocia in bitches. The case of uterine rupture caused by an oxytocin overdose highlights an important cautionary aspect for veterinarians when using oxytocin as a therapeutic tool. The study offers valuable insights into surgical intervention and post-operative care, which can be useful for practitioners. However, the manuscript could benefit from further comparisons with similar cases in the literature to enhance its contribution to the scientific community. 	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<ul style="list-style-type: none"> The title is appropriate but could be more concise. A suggestion would be: "Uterine Rupture Due to Oxytocin Overdose Leading to Dystocia in a Labrador Bitch." This would better reflect the content of the manuscript while maintaining clarity. 	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<ul style="list-style-type: none"> The abstract provides a good summary, but it is quite detailed. You might consider condensing it, focusing on the key points to provide a quicker read for the audience. Remove some procedural details that can be elaborated on within the body of the manuscript. Additionally, adding more explicit emphasis on the significance of your findings could enhance the impact of the abstract. Streamlining the abstract would make it more reader-friendly and impactful. 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<ul style="list-style-type: none"> The structure of the manuscript is generally appropriate, but the transitions between sections could be smoother. The history, treatment, and discussion sections feel disconnected, and reorganizing the content for better flow would enhance readability. Overall, the subsections cover the necessary areas but could benefit from a more cohesive structure. 	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<ul style="list-style-type: none"> The manuscript is scientifically robust, as it clearly presents a case with diagnostic imaging, appropriate treatment, and surgical intervention. The correct use of oxytocin, alongside the consequences of its overdose, is well-documented. However, the manuscript would benefit from further elaboration on the decision-making process for the treatment and comparisons with other similar cases. The case demonstrates technical soundness, particularly in surgical technique and post-operative management. 	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<ul style="list-style-type: none"> The references are relevant with more recent literature, especially regarding the use of oxytocin in canine dystocia management. No specific additional references are suggested at this time. 	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<ul style="list-style-type: none"> The language is generally clear, but there are some grammatical errors and awkward phrasing, such as "uneven full recovery," which should be revised to "uneventful recovery." Clarify certain procedural terms in the methods section to ensure that the audience understands the specific veterinary practices. Consider condensing some of the overly detailed procedural descriptions to maintain focus on the case's significance. 	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> The case study is relevant to practitioners in veterinary obstetrics, especially those dealing with complicated dystocia cases. Additionally, adding a section on practical recommendations for the use of oxytocin in veterinary practice could provide valuable guidelines for preventing similar complications in the future. 	
<p>Lack of clarity in this aspect where author can Justify</p>	<ul style="list-style-type: none"> What was the justification for using oxytocin in such a high dose initially, @ 30 IU of oxytocin was administered? If no progress why again oxytocin therapy was administered? Whether it would have induced uterine rupture Were any maternal vital signs (e.g., heart rate, temperature, respiration) monitored regularly during oxytocin administration, and if so, how did they evolve? How many time induction protocol was undertaken? Was the decision to perform a mutational operation influenced by any specific findings during vaginal examination or imaging? Calcium administration based on Serum calcium estimation was analyzed Why was ultrasonography not performed earlier in the case (before administering oxytocin) to assess fetal viability and positioning? What were the immediate steps taken to manage the dehydration and general condition of the bitch before surgical intervention? 	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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<p>Department, University & Country</p>	<p>TANUVAS, India</p>