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## REVIEWER'S REPORT

Manuscript No.: IJAR-57355

Title: Anesthetic Challenge in a Patient with Compressive Cervical Chordoma: A Case Report.

### Recommendation:

Accept as it is .....

**Accept after minor revision...**

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity		Good		
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

### *Detailed Reviewer's Report*

- 1. An anesthetic challenge is a procedure, scenario, or diagnostic test where anesthesiologists manage complex patient conditions, high-risk surgical environments, or potential allergies to anesthesia. It commonly refers to evaluating a patient's tolerance to a drug via incremental doses or managing cases with high potential for complications, such as cardiac comorbidities or difficult airways.**
- 2. An anaesthetic (or anesthetic) is a drug or agent used in medicine to induce a temporary loss of sensation or awareness to prevent pain during procedures. They can be administered via injection, inhalation, or topically to cause localized numbness or full unconsciousness (general anesthesia).**
- 3. A Compressive Cervical Chordoma is a rare, slow-growing, yet locally aggressive cancerous tumor that arises from remnants of the notochord in the upper or lower neck region (cervical spine). While low-grade, it is often destructive to local bone and soft tissue, causing significant spinal cord compression that can lead to neurological damage.**

**REVIEWER'S REPORT**

- 4. A cervical chordoma is a rare, slow-growing, but locally aggressive malignant bone tumor that develops in the vertebrae of the neck (cervical spine) from embryonal notochord remnants. These cancers are highly resistant to conventional treatments, often requiring specialized surgical resection and high-dose radiation due to their proximity to the spinal cord and arteries.**
- 5. Anesthetic management for a patient with a compressive cervical chordoma is highly complex, demanding a multidisciplinary approach due to the tumor's location, local invasion, and potential for causing cervical instability and airway distortion. The primary challenges revolve around securing a difficult airway without worsening cord compression, managing cardiovascular instability, and potential for massive hemorrhage during tumor resection.**
- 6. Anesthetic management of a patient with a compressive cervical chordoma represents a high-risk scenario defined by the need for airway protection, spinal cord stability, and hemodynamic management during the resection of a rare, locally aggressive tumor of the neck. The primary challenges arise from the tumor's location, which often causes significant compression of the upper airway, larynx, or cervical spine (specifically C2-C3), leading to potential life-threatening complications during anesthetic induction and surgery.**
- 7. Key words must be given.**
- 8. Abstract is good.**
- 9. Result part should focus more for tables and graphs.**
- 10. Summary points can be included.**
- 11. References should be with alphabetical order.**
- 12. After a small changes good to publish in your journal.**