

## REVIEWER'S REPORT

Manuscript No.: IJAR-58198

Title: Perioperative Management of Pheochromocytoma: A Report of 5 Cases.

### 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. A pheochromocytoma is a rare, usually noncancerous (benign) tumor that develops in the center of an adrenal gland. These tumors trigger the gland to overproduce stress hormones (catecholamines), leading to severe high blood pressure, rapid heart rate, heavy sweating, and intense headaches.
2. Arterial hypertension, commonly known as high blood pressure, is a chronic condition where the force of blood against artery walls is consistently too high. Diagnosed at readings of 140/90 mmHg or higher, it forces the heart to work harder to pump blood and damages blood vessels over time.
3. Anesthesia is the use of medications (anesthetics) to induce a controlled, temporary loss of sensation or awareness during medical, surgical, or dental procedures. It works by interrupting nerve signals and blocking pain pathways to the brain.
4. Intraoperative complications are unexpected medical events or adverse reactions occurring between skin incision and closure. They significantly impact patient outcomes, frequently causing prolonged

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hospital stays and increasing the risk of postoperative morbidity and mortality.

5. Catecholamines are a group of stress hormones and neurotransmitters produced by the brain, nerve tissues, and adrenal glands. The three main types are dopamine, norepinephrine (noradrenaline), and epinephrine (adrenaline). They are fundamental to the body's "fight-or-flight" response, regulating heart rate, blood pressure, blood sugar, and energy levels.
6. Catecholamines are a group of hormones and neurotransmitters produced by the brain, nerve tissues, and adrenal glands. They include dopamine, epinephrine (adrenaline), and norepinephrine (noradrenaline). Their primary function is to activate the body's rapid "fight-or-flight" response during stressful physical or emotional situations.
7. Intraoperative complications are any unexpected, adverse events or medical issues that occur while a patient is actively undergoing a surgical or medical procedure. These events can significantly impact patient safety and often require immediate medical intervention in the operating room.
8. Key words are good.
9. Research topic is medically very valued one.
10. Abstract is meaningful.
11. But information seems like less.
12. Can be added more points with references in discussion points.
13. Result part tables with graphs must be needed.
14. References should be with alphabetical order.
15. After those changes good to publish in your journal.