Adverse Anesthesia Events

GROUP 1
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- Review and Final outlook

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Target Audience

- Anesthetists/ Surgeons
- Duty Doctors/ PGs
- OT Technicians
- Nurses POR (Wards to an extend)

Frequency: Every 3 months

What is an Adverse Anesthesia Event?

- An event that may result in the development of complications and is caused by human error, failure of the apparatus, the selected anesthetic techniques and individual reaction of the patient.

List of events

Major

- Cardiac Arrest
- Peri-operative MI
- Aspiration
- Anaphylaxis
- Drug Over Dose/ Toxicity
- Awareness
- Convulsion
- Nerve Palsies
- Organ Injury
- Hyperthermia

Minor

- Airway obstruction
- Post-op Nausea
- Sore throat
- Persistent Sedation
- Hemodynamic instability
- Pneumonia
- Delirium
- Shivering
- Headache
- Back pain

What makes anesthesia safe?

- Evidence based guidelines/ protocols
- Anesthetist Skill and Knowledge
- Safer drug usage; Equipments
- Monitoring equipments
- Advance airway management

Risk Factors to note:

- Patient's Condition: Age, Co-morbidities (if any)
- Procedure: Planned/ Emergency
- Facility: Resources, Equipments, Monitoring
- Skill and Expertise

What is mandatory?

- PAC; Plan, Associated risks, complications, Counseling; Documentation

- Safe Administration of anesthesia; Check resources, Medications

- Monitoring during the process

- Post Anesthesia Care: Monitor for Adverse reactions or events

Incase of Adverse anesthesia event

- Do not panic
- Manage the situation (Active response / resuscitation)
- Check whether revertible or not
- Comfort and truthful counseling to the patient relatives
- Document and report to the respective authorities

RCA & CAPA

- Analyze the drawbacks/ short comings in the process
- Correct and Implement the same

Thank you