



Management of perioperative anaphylactic shock

Sanjay Kumar

MD, Sanjay Gandhi Pgims, Lucknow, India

Abstract:

Statement of the Problem: Perioperative cases are at risk of allergic and anaphylactic reactions leading to immediate mortality and long term morbidity. Among them anaphylactic shock is the cause of immediate mortality. It results in significant personal, social and economic cost and the impact of allergy related complication may compound these costs.

Causes: It happens because of use many drugs, different materials uses during perioperative period.

Clinical presentation: Surgical Patients with perioperative anaphylactic shock incidence are at great risk of mortality. It happens in the form of bronchospasm, skin rashes, angioedema and severe intractable hypotension leading to death.

Treatment: Management and alertness is essential for treatment. Management includes removal of the suspected and proven offending agent and contributing factors along with resuscitative measures in the form of iv antihistaminic drugs, IV fluid boluses, IM adrenaline, H2 blockers, endotracheal intubation, mechanical ventilation plus intensive vital monitoring. The purpose of this topic is to describe presentation of perioperative anaphylaxis and management of anaphylactic shock.

Biography:

Sanjay Kumar has his expertise in evaluation and passion in improving the perioperative patient care to reduce morbidity and mortality. He has good experience in re-



search, evaluation, teaching and administration both in hospital and education institutions. He has developed diagnostic perioperative monitoring in anesthesia. He is a regular teacher and instructor for institute teaching schedule. He manages a surgical and medical icu patients.

Recent Publications:

1. Laparoscopic Anterior Exenteration With Intra-Corporeal Uretero-Sigmoidostomy, 2015
2. Radical Hysterectomy Duplication of Conventional Multiport Laparoscopic Steps: with Other Minimal Access Modalities, 2014
3. Lap Surgical Anatomy of Ureter and Its Application in Gynaecological Surgeries, 2014
4. Role of Laparoscopy at Various Stages of Ovarian Cancer, 2014
5. Laparoscopic ileal ureter: A completely intracorporeal technique, 2014

Webinar on Surgery and Anaesthesia; May 22-23; Paris, France

Citation: Sanjay Kumar; Management of perioperative anaphylactic shock; Surgery 2020; May 22-23; Paris, France