

Office Based Anesthesia (OBA) Virtual Symposium
Saturday, March 19, 2022

**Anaphylaxis?!?!
... In the OBA setting**

A GI Case presentation and discussion



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Financial Disclosures

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37 y.o. female for EGD / Colonoscopy

- Allergies:** apples (swelling); mangoes (swelling); Azithromycin (nausea)
- Meds:** ergocalciferol, omeprazole, topiramate, ondansetron prn
- PMH:**
 - recent diarrhea and episodes of nausea
 - Seizure disorder: well - controlled; last seizure 2015
 - Hx of OSA
 - GERD
 - Anxiety
- PSH/ANESTHESIA:** Cholecystectomy
 - Severe PONV - h/o motion sickness, h/o nausea with narcotics
- Physical Exam:** Class I airway, otherwise unremarkable
- Height 65 inches Weight 102kg BMI 37.8
- ASA 2

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Anesthetic Record

Medications during case:
Propofol Bolus total 250mg
Propofol infusion titrated total: 320mg
Ondansetron 4mg
Lidocaine 70mg
Glycopyrrolate 0.2mg

PACU Vitals
0941 P 105 BP 132/85 RR 14 Sat 98% on RA
0946 P 116 BP 91/33 RR 24 Sat 94% on RA

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Anaphylaxis

- A life-threatening allergic reaction
- Anaphylaxis is considered likely to be present if any 1 of the 3 following clinical criteria is satisfied within minutes to hours:
 - Acute symptoms involving skin, mucosal surface, or both, as well as at least one of the following: respiratory compromise, hypotension, or end-organ dysfunction
 - Two or more of the following occur rapidly after exposure to a likely allergen: hypotension, respiratory compromise, persistent gastrointestinal symptoms, or involvement of skin or mucosal surface
 - Hypotension develops after exposure to an allergen known to cause symptoms for that patient: age-specific low blood pressure or decline of systolic blood pressure of more than 30% compared to baseline

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PACU Course

Medications in PACU:
Diphenhydramine total 100mg
Famotidine total 40mg
Epinephrine total 200mcg
Ondansetron 4mg

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Improving Patient care



- Collect information on “unusual occurrences”
- Debrief with team on day of incident
- Root Cause Analysis
- What did we learn and how did it change our practice?

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References



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