



11/25/21 Morning Report with @CPSolvers



Case Presenter: Gabriel Talledo (@gabrielalledo) **Case Discussants:** Rabih Geha (@rabihmgeha) and Sharmin Shekarchian (@sharminzi)

CC: Vampire attack - Acute onset of profound diarrhea

HPI: 47 year old female patient comes to the ED for acute onset watery diarrhea. Symptoms started after she woke up from midazolam sedation for a cosmetic procedure called "vampire mask". She also refers nausea and myalgias. 1 day prior to her procedure she had nasal congestion and dry cough, when she was coming back to Lima from a trip to Madrid and Switzerland. She stayed for 10 days and ate oysters before coming back.

PMH:

Fam Hx:

Meds:

Soc Hx:

Health-Related Behaviors:

Allergies:

Vitals: T: 38 HR: BP: 80/50 RR: 24 SpO₂: 97
 Received fluids and NE. Started carbapenems.

Exam:

Gen: Diffuse erythematous rash.

HEENT:

CV:

Pulm:

Abd: Persistent severe diarrheas.

Neuro:

Extremities/Skin:

Notable Labs & Imaging:

Hematology:
 WBC: 18.3 (65% neutrophils 9% lymphocytes 13% segmented neutrophils) Hgb: 9.4 Plt: 120 -- 56

Chemistry:
 Na: K: Cl: CO2: 11.3 BUN: Cr: 2.4 -- 4.4 glucose: 55 Cai: 0.95 Phos: AST: 99 ALT: 38 LDH 524 Alk-P: T. Bili: Albumin: PT: 52 (elevated)
 CRP: 2548, Procalcitonin: 100.
 Blood cultures x 4 neg. Film Array of feces sample was neg.

Final Dx: Toxic Shock Syndrome. Possible infection with staph aureus

Problem Representation: 47F w/ recent history of vampire mask p/w severe watery diarrhea, diffuse rash and hemodynamic instability.

Teaching Points (Andrea):

- Rapid onset of diarrhea: gastroenteritis, infectious etiologies (more acute), dietary (lactose, etc)
- Diarrhea is the main concern vs systemic
- Vampire face lifts are cosmetic procedure in which your platelets are injected under your skin along with a hyaluronic acid filler
- Difficult to give history when you are ill
- Diarrhea after procedure: ischemic colitis, anaphylaxis
- Oysters: hepatitis A, vibrio cholerae,
- DDx: Anaphylaxis, sepsis, cardiogenic, obstructive (Pulmonary Embolism)
- Systemic bacterial routinely, skin rarely involved
- Erythematous rash: toxic shock syndrome (could be post-surgery), heavy metal toxicity
- Acute generalised exanthematous pustulosis, or AGEP, is an uncommon pustular drug eruption characterised by superficial pustules. AGEP is usually classified as a severe cutaneous adverse reaction (SCAR) to a prescribed drug. It is also called toxic pustuloderma. Tiny pustulosis is difficult to examine
- Inflammation and center of gravity is the skin: drug, infection, some cancers
- Toxic shock: fever, hypotension, rash and multisystem involvement. It is a dx of exclusion. It can present with Thrombocytopenia. Look for foreign external bodies in the procedure. Toxic shock has negatives cultures