

CASE I

- 24 Y/O Female
- Presents w N/V/D/Abdo pain after eating at a Japanese restaurant
- While in ED, developed parasthesia and progressive paralysis



QUESTIONS

- 1- What's the toxin?
- 2- What's the mechanism of action?
- 3- What other sea creatures contain this toxin or similar?
- 4- How do you treat these cases?

CASE 2

- 50 Y/O Male
- Presents w N/V/D/Abdo pain after eating Shellfish
- Also complains of: Paresthesia “hot/cold reversal”, myalgias, HA, Vertigo, ataxia, tremor, & Bradycardia



QUESTIONS

- 1- What's the toxin?
- 2- What's the mechanism of action?
- 3- What fish contain a similar toxin?
- 4- How do you treat these cases?

CASE 3

- A husband and wife both present to the emergency department with chest pain and shortness of breath and fever. The symptoms started yesterday after cleaning their fish tank which includes coral and fish.



QUESTIONS

- 1- Are there any toxins in fish tanks?
- 2- What are some dangers of aquarium coral?
- 3- What is the treatment?

CASE 4

- These two pictures are clues for an unusual marine toxin that previously has caused seizures in sealions



QUESTIONS

- 1- What is the toxin?
- 2- What is the mechanism of action?

CASE 5

- 1- What is this creature?
- 2- What toxicity is expected?
- 3- How is it treated?

