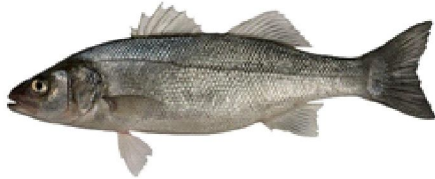


Neurotoxicology

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(Compiled by Ajini Arasalingam and Saman Gunatilake)

1. A 30-year-old male was brought to the emergency department (ED) 6 hours after dining in a restaurant complaining of perioral numbness and tingling, a strange metallic taste, and cold allodynia. He was also mildly hypotensive and bradycardic. He had consumed this fish grilled.



What is the diagnosis?
Name the likely sources.

2. A 25 year old female was brought to the emergency department 24 hours after eating a Japanese seafood delicacy at a sushi restaurant. Shortly after ingestion, she developed lip and tongue paresthesia. Four hours after ingestion, she became nauseated, vomited, and had abdominal pain. She presented with decreased strength in both of her legs.

The dish contained the fish shown below.



What is the causative agent?
What are the likely sources?

3. What symptoms and signs would a bite from this spider cause?



4. A 55 year old man from Somalia presented with spastic paraparesis. He had been eating the legume shown for many years.



What is the diagnosis?

5. A 25 year old male from Northern Mexico presented to a hospital in Mexico with a rapidly progressive paralysis. He had consumed the fruit shown.



What is the diagnosis?

(Answers on page 42-43)