

## Journal of Coastal Life Medicine

journal homepage: www.jclmm.com



Document heading

doi: 10.12980/JCLM.2.2014JCLM-2014-0044

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## Compartment syndrome due to jelly fish poisoning

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To the editor,

Jelly fish is an important sea living things. This is classified as an animal. It is considered toxic and can cause intoxication to the human beings. Annually, several cases of jelly fish poisoning can be seen in clinical settings. The jelly fish poisoning is accepted as one of the most sea animal intoxications in coastal medicine. According to the publication by Tønseth, it was noted that contact with species in tropical seawater or with jelly fish in general by children or allergic persons may result in serious systemic reactions and permanent skin lesions[1]. Nevertheless, not only dermatological lesion but also other complications of jelly fish poisoning can be seen. Here, the authors present an interesting case of jelly fish poisoning presenting with an unusual complication, compartment syndrome. The present case is a 30 years old female patient presenting to the medical center with the complaint of swelling left hand. She gave the history of jelly fish contact 5 d before. It was observed that her left hand was swollen with inflammatory cutaneous changes. She could not move hand in any motion. Also, signs of arterial under perfusion in her hand could be observed. This case was diagnosed to have compartment syndrome due to jelly fish poisoning. The case was referred to the orthopedic surgeon for proper emergency management of compartment syndrome. In fact, compartment

syndrome is a serious medical disorder and it usually requires orthopedic management[2]. Perron *et al.* said that “early diagnosis and treatment is crucial to prevent the devastating complications of this condition[2].” Jelly fish intoxication can also be an etiology of compartment syndrome[3]. The case is usually a late presentation to the physician, as in the present case. The diagnosis is based on history of jelly fish contact, skin lesion, swelling problem and deterioration of perfusion and neurological function.

**Conflict of interest statement**

We declare that we have no conflict of interest.

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Article history:

Received 27 Mar 2014

Received in revised form 4 Apr, 2nd revised form 10 Apr, 3rd revised form 18 Apr 2014

Accepted 5 May 2014

Available online 18 Jun 2014