

Research prevalence of diving accident and related factors of diving fishermen at Bacbo Bay's fishing field

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The authors have researched the prevalence of diving accident and related factors of diving fishermen in Bacbo bay, The results as follow:

1. The reality of diving accident were high rate, severe and left the severe sequels:

The general accident rate: 58%

There were many urgent and dangerous accidents: The reason of the environmental pressure change 47.6%, reason of air inhale pressure change 25.6%.

The diving accidents left many severe sequels: ear injury 24%, paralytic 2.4%, urinate disorder 1.2%, pain in joint and bone 12.8%, which influenced to working ability, reduced working ages and life quality after leaving from the work.

2. The related factors of diving accidents:

The age, working age, the diving time, the quantities of diving cases per day related closely with diving accident rate.

The disorder by the decompression process of diving fishermen was main reason to increase the diving accidents.

The disorder by the diving safety of fishermen contributed the high rate of diving accidents.

3. The emergency aid on the ships was not interested enough:

Having only 1/60 fishermen had been trained the first aid for diving accidents

Lack of the first aid equipments on the ships and not ensure to give emergency when having the diving accidents.

Most of diving fishermen only give first aid themselves for diving accidents by their experiences so the effect of first aid was not high, not exactly. Some fishermen lack of knowledge about first aid at sea and underwater.

Biography

Professor Son Truong Nguyen is the Head of Vietnam National Institute of Maritime Medicine. He completed his PhD in Maritime Medicine. He had finished 70 scientific works almost in one of them are scientific works of Maritime Medicine. He has a 22 years experience in this field.

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