

Correlation between age, working period and work-related musculoskeletal complaints with nordic body map among fishermen

ABSTRACT

Musculoskeletal Disorders (MSDs) are impairments of the bodily structures, such as muscles, joints, tendons, ligaments and nerves, which are caused or aggravated primarily by the performance of work in which work is carried out. The International Labor Organization (ILO) in 2013 in The Prevention of Occupational Disease program notes that 59% of musculoskeletal complaints represented by carpal tunnel syndrome (CTS) were the most common complaints of the overall disease records in Europe in 2005, whereas in Korea MSDs experienced a very high increase from 1,634 in 2001 to 5,502 in 2010(1). Statistics in 2011 show that 67 million workers in Indonesia were in the informal sector and 30% of them were fishermen(2). Fisherman also has a risk to get MSDs because fisherman uses much exertion which results in excessive stretching of muscles.