ABSTRACT

KNOWLEDGE AND AWARENESS WITH THEIR IMPACT ON DISEASE SEVERITY AND PATIENTS' BEHAVIOR FOR OSTEOARTHRITIC PATIENTS IN SURABAYA 2018

Background: Osteoarthritis (OA) or sometimes called degenerative joint disease or degenerative arthritis, is the most common chronic condition of the joints. The burden of osteoarthritis in southeast Asia, is expected to increase in the coming years or in the coming decades. Without sufficient knowledge, to prevent the patient from suffering osteoarthritis still remains challenging. Health seeking behavior for osteoarthritis patient, based on the study that took place in Hong Kong, most of the osteoarthritis patients chose to seek medical assistance late in the course of illness

Purpose: To investigate knowledge and awareness with their impact on disease severity and also their health seeking behavior for osteoarthritic patients in Surabaya.

Method: This research is an *observational analytic* study with *cross sectional* design. This research used an osteoarthritic patient in UPTD Puskesmas Keputih as the subject of this research. This research used Fisher Exact test for the statistical analysis.

Results: There were 70 patients with the diagnosis of Osteoarthritis in UPTD Puskesmas Keputih, Surabaya. All of the patients were included in this study, thus the total respondents are 70. Based on the statistical analysis that used the Fisher Exact analysis, there is no correlation between knowledge and awareness with the severity of the disease. Most of the patients (57.1%) agree that their own unhealthy lifestyle is the cause for their own disease, above half of the respondents (52.9%) try to self medicate as their method to treat their own disease, either buying un-presrcibed drugs from pharmacies or using alternative medicine. Most of the respondents in this study is a

female (71.4%), the highest frequency of age group distribution is above 50 years old (48.6%). The highest frequency of the respondents' knowledge and awareness is in adequate knowledge (75.7%), the highest frequency of disease severity distribution is between 0-24 total WOMAC score (61.4%).

Conclusion: There is no correlation between knowledge and awareness with the disease severity.

Keywords: Osteoarthritis, knowledge, awareness, severity, correlation, observational analytic study.