

ABSTRACT

profile of drug prescription in osteoarthritis patients at Level III Hospital

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Arthritis is a general term for inflammation and swelling in the joint area, osteoarthritis (OA) is a degenerative disease of the joints associated with damage to the hyaline cartilage of the joints, resulting in narrowing of the joint space and is characterized by slow damage and increased thickness of the subchondral bone, inflammation occurs. The aim of this study was to determine the profile of drug prescribing in osteoarthritis patients at the Outpatient Installation at Level III Hospital Brawijaya Surabaya. Level III Brawijaya in the period June - August 2022 with the aim of describing the drug prescription profile of osteoarthritis patients. From a total of 147 patient prescription sheets, the results of this study showed that the highest number of patients were women, namely 94 patients (63.95%) with a vulnerable age of 51-60 years old, 69 people (46.94%) Prescribing profile of osteoarthritis patients at Level III Hospital Brawijaya Surabaya based on the generic drug name most often used is Meloxicam 15mg for 60 patients (14.1%) and Calcium Lactate 500mg for 86 patients (20.2%). Based on the drug class, the most common were the supportive group, namely NSAIDs (36.7%) and the adjuvant group, namely supplements (35.8%). Based on the duration of administration, it was concluded that the highest duration for osteoarthritis therapy was 7 days (68%) and 30 days (25.7%). Based on the rules of use, it was concluded that the rules for using the most were Meloxicam, the rules for using 2 times a day, 1 tablet as much as 51 R/ (12%) and Calcium Lactate 500 mg, the rules for using 1 time per day, 1 tablet, 57 R/ (13.5%).

Keywords: Osteoarthritis, prescribing profile, Hospital Brawijaya Surabaya