

ABSTRACT

PROFILE OF SALES OF SUPPLEMENTS DURING THE COVID-19 PANDEMIC AT AIRLANGGA PHARMACEUTICAL PHARMACEUTICAL SURABAYA

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The infectious disease COVID-19 is caused by the Severe Acute Respiratory Syndrome Coronavirus2. The purpose of this study was to determine the profile of supplement sales during the COVID-19 pandemic at the Airlangga Pharmacy, including the content of supplements and the type of purchase. The inclusion criteria in this study were supplements containing a single active ingredient such as vitamin C (50 mg, 250 mg and 500 mg), vitamin D (1000 IU and 5000 IU), vitamin E (100 IU, 250 IU and 300 IU), Echinacea and Zink 20 mg and the combination of active ingredients includes: two combinations of active ingredients (from vitamins C, D, E and Zink), three combinations of active ingredients (from vitamins C, D, E and Zink) and a combination of active ingredients (vitamins C, D, E and zinc). Data collection was carried out retrospectively.

During the study period, 71 supplement products were studied. There were 23,543 tablets selling supplements containing a single active ingredient (69.2%) and supplements containing a combination of active ingredients (among vitamins C, D, E and zinc) (30.58%). Supplements containing a single active ingredient were obtained by 50 mg vitamin C (51.17%), while those containing combined active ingredients were found in a combination of three active ingredients (from vitamins C, D, E and Zink) (11.57%). Types of purchasing supplements through non-prescription are 56.21% more than through prescription. Based on the results of this study, most people prefer to buy supplements that contain the single active ingredient of vitamin C 50 mg with non-prescription purchases.

Keywords : Profile, sales, supplements, pandemic and COVID-19.