

ABSTRAK

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Program studi : Farmasi

Judul : *literature review* penggunaan obat antivirus terhadap pasien COVID-19

Coronavirus disease 2019 (COVID-19) merupakan penyakit pernapasan yang disebabkan oleh virus corona jenis baru yaitu *severe acute respiratory syndrome coronavirus 2* (SARS-CoV-2). Saat ini obat antivirus untuk COVID-19 memang belum ditemukan. beberapa obat potensial seperti klorokuin, lopinavir/ritonavir, redemsivir, favipiravir, oseltamivir dan beberapa kandidat obat lainnya telah digunakan untuk pasien COVID-19. Penelitian ini dilakukan untuk mengetahui karakteristik pasien, treatment yang digunakan, jenis antivirus dan efek samping dari penggunaan obat antivirus untuk COVID-19. Penelitian ini merupakan penelitian *literature review* melalui database *science direct*, *Pubmed*, *journals*, *bmj*, *nejm*. Dengan demikian beberapa obat antivirus untuk COVID-19 menargetkan beberapa reseptor seperti ACE2, RdRp, main protease inhibitor, neuraminidase inhibitor dan interferon inhibitor.

Kata kunci :

Antivirus, COVID-19, Favipiravir, Redemsivir, SARS-CoV-2.

ABSTRACT

Name : Ummu kulsum k
Study Program : Pharmacy
Title : literature review of the use of antiviral drugs against COVID-19 patients

Coronavirus disease 2019 (COVID-19) is a respiratory disease caused by a new type of coronavirus, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Currently antiviral drugs for COVID-19 have not been found. some potential drugs such as chloroquine, lopinavir/ritonavir, redemsivir, favipiravir, oseltamivir and several other drug candidates have been used for COVID-19 patients. This study was conducted to determine the characteristics of patients, treatment used, types of antivirals and side effects of the use of antiviral drugs for COVID-19. This research is a literature review research through the database science direct, Pubmed, journals, bmj, nejm, Thus some antiviral drugs target some receptors such as ACE2, RdRp, main protease inhibitors, neuraminidase inhibitors and interferon inhibitors.

Keywords:

Antiviral, COVID-19, Favipiravir, Redemsivir, SARS-CoV-2.