



LETTER TO EDITOR – COVID 19 RE-INFECTION**ADVANI SR^{1*}, BALOCH GKR², SIYAL FJ³****1: Ziauddin University, Karachi****2: Lecturer Anatomy, Ziauddin University, Karachi****3: Assistant Professor, Institute of Pharmacy, SMBB Medical University Larkana*****Corresponding Author: E Mail: Surajadvani@hotmail.com****Received 24th June 2020; Revised 27th June 2020; Accepted 29th June 2020; Available online 1st July 2020**

Covid-19 also termed as Corona Virus, belongs to a family of virus which is huge, and it causes illness mild to very severe diseases which includes MERS-COV (Middle East Respiratory Syndrome) and SARS-COV (Severe Acute Respiratory Syndrome) [1]. On 31st December 2019 China witnessed first case of COVID-19 and informed World Health Organization (WHO) regarding a case of pneumonia with unknown aetiology. It was detected in Wuhan city which is located in Hubei province of China [2]. Fever was the most common found then fatigue and dry cough respectively [3]. We present here the first person a 22 years old male diagnosed case of COVID-19 infection reported on 20th February 2020, coming from Iran belong to Karachi Pakistan [4]. According to the available data till dated i.e. 24th June 2020, Pakistan had total diagnosed cases approximately 188,926 of COVID-19, out of which 77,754 have recovered and 3755 deaths occurred. In AJK 892 are confirmed with 503 active cases, 23 deaths and 366 recoveries. In Baluchistan total of 9634 cases, 5834 active cases, 106 deaths and 3694 recoveries. GB had 1337 confirmed cases ,353 active cases, 23 deaths and 961 recoveries, Islamabad had 11483 confirmed cases, 6363 active cases ,108 deaths and 5012 recoveries, KPK had 22388 confirmed cases, 13148 active cases, 855 deaths

and 9385 recoveries Punjab 69536 confirmed cases 48085 active cases 1560 deaths 19935 recoveries. Sindh had 72656 confirmed cases, 33131 active cases, 1124 deaths and 38401 recoveries [5]. Recently a patient with re-infection from COVID-19 has emerged in Pakistan. In this case of re-infection they found severe symptoms while comparing with initial strain as per reports of a Doctor. He further emphasized that we have one or more strain around and we are not having capacity to tests different strains. He also stated that re-infected case of Covid-19 belongs to a health worker i.e. Doctor. He has severe symptoms compared to his first phase of Covid-19. He also stated that the antibodies can only protect recovered person for only three months period. Therefore it is important to maintain social distance along with precautionary measures and be careful in this face of pandemic [6].

REFERENCE

- [1] Coronavirus disease: What you need to know. Available from: <https://www.afro.who.int/news/coronavirus-disease-what-youneed-know>, accessed on February 18, 2020.
- [2] World Health Organization. Pneumonia of unknown cause– China. Geneva: WHO; January 5, 2020. Available from: <https://www.who.int/csr/don/05-january-2020-pneumoniaof-unkown-cause-china/en/>, accessed on February 18, 2020.
- [3] Wang D, Hu B, Hu C, Zhu F, Liu X, Zhang J, et al. Clinical Characteristics of 138 hospitalized patients with 2019 novel coronavirus-infected pneumonia in Wuhan, China. *JAMA* 2020; 323 : 1061-9.
- [4] Pakistan confirms first two cases of coronavirus - France 24 [Internet]. France 24. 2020 [cited 24 June 2020]. Available from: <https://www.france24.com/en/20200226-pakistan-confirms-first-two-cases-of-coronavirus>.

- [5] COVID-19 Health Advisory Platform by Ministry of National Health Services Regulations and Coordination [Internet]. Covid.gov.pk. 2020 [cited 24 June 2020]. Available from: <http://covid.gov.pk/stats/pakistan>.
- [6] Local doctor claim reinfection cases in Pakistan with more severe symptoms are appearing [Internet]. Mashable Pakistan. 2020 [cited 24 June 2020]. Available from: <https://pk.mashable.com/coronavirus/3781/local-doctor-claim-reinfection-cases-in-pakistan-with-more-severe-symptoms-are-appearing>