

## The Role of Social Media in the Advent of COVID-19 Pandemic: Crisis Management, Mental Health Challenges and Implications

**Background:** This study focuses on how educating people through social media platforms can help reduce the mental health consequences of the COVID-19 to manage the global health crisis. The pandemic has posed a global mental health crisis, and correct information is indispensable to dispel uncertainty, fear, and mental stress to unify global communities in collective combat against COVID-19 disease worldwide. Mounting studies specified that manifestly endless coronavirus-related newsfeeds and death numbers considerably increased the risk of global mental health issues. Social media provided positive and negative data, and the COVID-19 has resulted in a worldwide infodemic. It has eroded public trust and impeded virus restraint, which outlived the coronavirus pandemic itself.

**Methods:** The study incorporated the narrative review analysis based on the existing literature related to mental health problems using the non-pharmaceutical interventions (NPIs) approach to minimize the COVID-19 adverse consequences on global mental health. The study performed a search of the electronic databases available at PsycINFO, PubMed, and LISTA. This research incorporates the statistical data related to the COVID-19 provided by the WHO, John Hopkins University, and Pakistani Ministry of Health.

**Results:** Pakistan reported the second-highest COVID-19 cases within South Asia, the fifth highest number of cases in Asia after Iran, India, Russia, Saudi Arabia, and the 14th highest recorded cases, as of October 14, 2020. Pakistan effectively managed the COVID-19 pandemic in the second wave. It stands at the eighth-highest number of confirmed cases in Asia, the 3rd-highest in South Asia, and the 28th-highest number of established patients globally, as of February 20,

2021. Conclusion: The COVID-19 has resulted in over 108.16 million confirmed cases, deaths over 2.374 million, and a recovery of 80.16 million people worldwide, as of February 12, 2021. This study focused on exploring the COVID-19 pandemic's adverse effects on global public health and the indispensable role of social media to provide the correct information in the COVID-19 health crisis. The findings' generalizability offers helpful insight for crisis management and contributes to the scientific literature. The results might provide a stepping-stone for conduct future empirical studies by including other factors to conclude exciting developments. Keywords: mental health, COVID-19, health crisis, social media, social support, teleeducation

## Introduction

Human civilizations have experienced various severe health problems because of the changes in the standard quality of earth, water, sky, air, and fire, which adversely affected humans' wellbeing and health in different societies.

worldwide.<sup>1–5</sup> Since civilizations' birth, humans encountered various epidemics and pandemics, which caused panic, destruction, morality, and mental health issues.<sup>6–9</sup> The outbreak of epidemics affects regions, while the pandemics effects are global and cause adverse consequences in spreading diseases. The history of virology identified the first virus, named the tobacco mosaic virus, in 1892.<sup>10–14</sup> The viruses have kept evolving since then in virology literature by incorporating sophisticated microscopes.<sup>15,16</sup> The world has become like a global village, and surveillance of the emergence and reappearance of regional epidemics or global pandemics rapidly spread transmittable diseases.<sup>17–19</sup> The novel coronavirus infectious disease is an ongoing explicit strain of the infection of COVID-19,

which has caused severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) worldwide.<sup>20–22</sup> The coronavirus pandemic originally appeared in Wuhan city in late December 2019.<sup>23,24</sup> The epidemic rapidly started spreading in other cities in China. Later COVID-19 affected more than 200 countries and spread around the world.<sup>25–27</sup> The World Health Organization declared the COVID-19 pandemic as the Public Health Emergency as the “International Concern” on January 30 and an epidemic on March 11, 2020.<sup>28–30</sup> Based on the statistical facts, the mortality rate among patients with infectious disease (SARS-CoV-2) ranges between 2% to 3% worldwide, which is slightly higher than the Spanish Influenza (H1N1) mortality rate. Compared to acute respiratory syndrome (SARS), this infectious disease (COVID-19) remains an exceptionally transmitted chronic disease globally. <sup>31–35</sup> In the 21st century, people with symptoms of higher anxiety levels reported the tendency of excessive social media use.<sup>36–40</sup> Social media use, such as Facebook, provides platforms, and people can at least tentatively escape their negative emotions.<sup>41</sup> Here, they can decide which image to create, which site is suitable to visit, and whom to interact with for communication.<sup>42</sup> The positive experience at media platforms and online experiences lead to developing a close emotional bonding to social media use, which creates a strong desire to stay online permanently. <sup>43,44</sup> The addictive behavior of social media users indicated a relationship with stress symptoms among young university-level students.<sup>36</sup> This study explored how health information on social media platforms helps individuals gain correct information about the COVID-19 pandemic. The study focused on examining how excessive social media might increase global mental health risk in the Coronavirus’s advent. The study findings should understand the probable link between social media use and

emotional trauma individuals facing a public health crisis in response to the COVID-19. This present study offers insights about health information based on the COVID-19 disease available on social media platforms, which have educated people on how to respond to the global health crisis.<sup>45</sup> The findings' generalizability provides helpful insight and contributes to the scientific literature. The results might offer a stepping-stone to conduct future empirical studies by including other factors to conclude exciting developments.

### Literature Review

The emergence of the COVID-19 pandemic developed a global public health crisis.<sup>46</sup> People faced many problems and difficulties to resume their normal life functions like before, as the COVID-19 fears, uncertainty, and stress were too much to manage virtually. <sup>47</sup> The COVID-19 health crisis also affected marital life among couples.<sup>48–50</sup> Women have faced many challenges during the health emergency. <sup>51</sup> The ongoing pandemic has affected hospital nurses' and health experts' life quality. <sup>52</sup> Many countries imposed lockdowns and regional social gatherings with the initial signs of the COVID-19 disease, which caused mental stress due to protective measures. However, the suppression measures affected individuals' routine life worldwide.<sup>53</sup> Uncertainty in a global health crisis leads to Fear and mental health problems due to a heightened sense of threat to life.<sup>54</sup> An elevated fear in a global health crisis for a long-term period increases the risk of higher mental health concerns.<sup>55</sup> There is a phenomenal need for further studies to investigate how people coped with the risk of mental health toll<sup>56</sup> when facing the COVID-19 pandemic.<sup>57</sup> The WHO dashboard is based on a newsfeed about the COVID-19 virus; there were more than 106.671 million cases and 2.327 million deaths attributed to the fatal infectious disease. As of February 7, 2021, more than 78.361 million infected patients have recovered from the COVID-19 worldwide.<sup>58</sup> The

ongoing COVID-19 transmissible virus resulted in the most deadly global health calamity in this century. 59 Since World War-II calamity, this COVID-19 outbreak caused massive challenges and crisis management issues, such as economic crisis, social stigma, environmental effects, and health emergency worldwide.60 The lethal disease COVID-19 has disrupted social interactions, gatherings, economic activities, transnational relations, and global economies.61,62 Third-world countries, which make up a large proportion of their population, are labor and low-wage countries. Spatial time analysis for emergency medical requests during the COVID-19 is helpful to enlighten policy and practice to manage the health crisis.63 The COVID-19 pandemic has affected them adversely. The complete closure of cities across the country has led to hunger, depression, unemployment, higher anxiety levels, and other psychological disorders.64,65 The coronavirus pandemic has affected almost 200 countries, states, and territories worldwide.66 From Europe, Italy was the first country that started more buzzing with confirmed patients than Coronavirus and surpassed China's numbers by more than three times.67 In the most affected countries, they acknowledged the Coronavirus (2019-nCoV) outbreak out of control. People criticize the government response as a systematic failure to quickly and efficiently exploit and control the epidemic.68

### Role of Social Media in a Global Health Crisis

In the advent of the COVID-19 pandemic, people are using social media more than usual routine because they rely on news sources from online sources to seek health information for themselves and their loved ones.69,70 Social media platforms' usage has become a welcome relief in the health disaster and global crisis during the ongoing COVID-19 pandemic.71 This article holds that analyzing social media usage in the context of global health catastrophes like the COVID-19

pandemic should help disclose the global mental health toll.<sup>72</sup> The US Census Bureau surveyed more than 42% of people and identified symptoms of depression and higher anxiety levels in December 2020, which was 11% higher than the previous year. The survey findings of Hazarika reported similar results of COVID-19 mental stress worldwide. When the global health crisis of COVID-19 struck, a telephone service supported by Assam police studied 239 callers in April 2020 and found that 46% had anxiety, 22% indicated depression symptoms, and 5% had suicidal thoughts. It was enough evidence to convince the Government to launch a countrywide remote mental health telephonic service to tackle mental health wellbeing. Physical activities could be medicine for noncommunicable diseases.<sup>73</sup> After easing lockdowns and restrictions on social distancing in December 2020, the telephonic service collected 43,000 people data and found that 9% of people had anxiety symptoms, 4% had depression, and more than 12% of individuals reported stress related to the health crisis posed by the COVID-19 pandemic.<sup>74</sup> Indeed, social media platforms have provided easy access to seeking health information, which empowered people to evaluate health-related risks and manage global health concerns.<sup>75,76</sup> Social media users typically produce and share health information available through local and international sources in response to a worldwide public health crisis. In the meantime, health professionals and governments have been adopting social media tools to contain and manage health crisis adverse consequences, such as the anthrax attack in various US cities in September 2001,<sup>77</sup> the 2015 California measles outbreak,<sup>78</sup> and the 2009 Beijing crisis of H1N1 influenza flu.<sup>79</sup> The existing literature evidenced that scholars conducted many studies to investigate how the public seeks, creates, and shares health information through the online source in the health emergency

crisis.<sup>54,78–81</sup> Earlier studies in this stream of health crisis mainly centered on users' channel selection.<sup>82</sup> They identified that people had a greater tendency to rely on traditional media to seeking health information in health crisis events and routine contexts.<sup>83</sup> In the emergence of health, crisis people use smartphones and social media more than traditional media to seek health information.<sup>84</sup> In analyzing the mental health problems posed by the COVID-19 pandemic, one of the most significant scientific challenges is to make invisible emotional trauma visible and decipher the vital macro-scale social and technical factors involved.<sup>85</sup>

### Social Media, Social Support, and Health Information

The social media platforms provide the content of social support to the public seeking health information. The people suffering from health anxieties and medical conditions, social media offers them a significant benefit of correct online information.<sup>86</sup> Social support explains the perception and practicality that how social networks care for and value of people within the networks. It explains how social networks embed individuals into social obligations and communication networks.<sup>87</sup> The most popular one is how the social network is supportive, and localization of health through sports activities is also helpful.<sup>88</sup> These supporting resources may include physical and emotional care and nourishment, advice, a sense of belonging (companionship), financial assistance (tangible), and personal advice (intangible). Social support refers to the perception and actualization of available aid, help, or the degree to which an individual is integrated into social obligation and network. The sources of social support are coworkers, friends, family members, and organizations. It involves exchanging available resources among people who perceive it as intended to improve the recipient's wellbeing.<sup>89</sup> Effects of social support-related important factors have attracted many clinicians, researchers, scientists,

and scholars worldwide.<sup>90,91</sup> This study inspected the role of social support on mental health and individual well-being. Previous studies indicated that social support is a multidimensional concept based on information, emotion, and peer support to global communities.<sup>92</sup> Social Media, Health-Related News, and Peer Support Social media has played a positive and indispensable role in providing health information from peer support to the public world.<sup>93</sup> The concept of peer support refers to the informational support provided by others who are helping to share the experiences to provide health information about the health crisis caused by the COVID-19 pandemic.<sup>94</sup> The most effective and helpful peer support is assistance matching health-related information needs for social media users.<sup>95</sup> Patients with risk factors need emergency treatment.<sup>96</sup> The users are eager to seeking information and stay connected with other people, and they share a sense of belonging to the matching group of people.<sup>97</sup> People receive peer support on social media and other online resources that increase self-efficacy and self-esteem and minimize the risk of self-uncertainty among people.<sup>98</sup> Seeking health-related information through social media and social interaction is vital in individuals' lives who need medical treatment due to health problems.<sup>99</sup> Overall, peer support through social media and online resources complements communication desires to retain social connection and reduce the social isolation necessary to manage mental health disorders, depression, anxiety, and secondary trauma.<sup>100,101</sup> Social Media Use and Health Behavior Social media has provided a platform of updated information for the people who seek health-related information about the COVID-19 pandemic.<sup>102</sup> People have faced significant pressure and health threat caused by the coronavirus pandemic, which has increased social media use, as people want to seek accurate health-related



information and stay connected with peers, friends, and family. 103 Through social media applications, public communication and interaction go beyond personal messages delivery to seeking correct information and the full scope of the COVID-19 pandemic to develop a real sense of virus prevention.104 The emergence of the COVID-19 outbreak has changed life patterns in response to preventive measures.105 The ongoing global health crisis has developed a strong sense of coronavirus contagious disease prevention. It might promote health behavior changes, such as maintaining social distancing, using sanitizer, wearing masks, and washing hands. The health behavior theories explain the health behavior model,106 which describes why individuals fail to adopt preventive measures or screening tests for the early detection of infectious disease.107 The health behavior model helps understand the useful strategies to improve people's health behavior, like adherence to medical treatment against the disease.108 The HBM explains that people start to be involved in health-related behavior when people perceive susceptibility to a contagious disease, which has severe health consequences. Its benefits to health-related human behavior outweigh the barriers.109 This study's primary purpose is to investigate the indispensable role of social media in the development of COVID19 and to explore how social media can provide reliable information to ordinary people worldwide. The world needs to restore, and the entire country's blockade is no longer a concrete solution because the economy must return to normality as soon as possible. The application of social media technology plays a vital role in responding to the most critical global health crisis. Social media provides upto-date and reliable information to the public. The media platforms assist in adopting virtual learning and teaching models to continue providing education in the interim of the COVID-19 pandemic.

Globally, most countries have imposed restrictions on physical interaction and face-to-face education at all levels of education to minimize the infection transmission risk of the COVID-19. Educational institutions have turned almost overnight to online teaching, learning, and virtual education to facilitate their student communities. It helps to reduce stress and provide relief to students. The study explores how the COVID-19 pandemic is causing mental health problems around the world. This study shows Pakistan's background and its global impact in the context of the COVID-19 pandemic. Government officials have chosen smart lock-in, suppression, and mitigation strategies to reduce mental health problems in the existing environment of global health emergencies. Materials and Methods The study incorporated the narrative review analysis based on the existing literature related to mental health problems using the non-pharmaceutical interventions (NPIs) approach to minimize the COVID-19 adverse consequences on global mental health. The study performed a search of the electronic databases available at PsycINFO, PubMed, and LISTA. The survey used search terms, "SARS-CoV-2", "severe acute respiratory syndrome coronavirus-2", COVID-19, "nCoV," "novel coronavirus." Similarly, the search carried about keywords "global mental health," "psychology," "depression," "anxiety," "stress," "social media news related to COVID-19", "infodemic." This study retrieved a total of 110 article citations in the search process. On reviewing the sources, the investigators excluded 42 articles because they dealt with other aspects of the COVID-19 pandemic, such as therapy, drugs, animal models, and organization of the healthcare systems. The review also used the statistical data set reported by the WHO, John Hopkin University, and public hospital/healthcare systems affiliated with the ministry of health, the Government of Pakistan, to draw the results for this article. The

statistical data sets about the ongoing coronavirus (2019-nCoV) pandemic are available through Pakistan's health ministry. This current research has drawn results through this data set—ages of the recruited verified patients of the challenging coronavirus disease range from 10 to 86 years. Results The results of this current research stipulated that the combined series of protective measures and intervention strategies are the only useful ways in controlling, managing, and reducing the rapid spread of infectious disease (COVID-19). See Figure 1 below. Figure 1 specifies the timeline of the critical events of the COVID-19 outbreak in Wuhan city, China. Wuhan Government started tracing COVID-19 infected people on December 30, 2020. Later, the Shanghai Lab detected the COVID-19 virus similar to SARS on January 5, 2020. Wuhan Government placed patients of the Coronavirus under quarantine on January 30, 2020. On February 13, 2020, Hubei province incorporated diagnostic change to identify the infected people. The china-WHO joint investigation released a report on March 1, 2020, about the outbreak of the COVID-19. The Chinese Government issued revised death and case count on April 16, 2020. Table 1 shows that Spain reported 200,210 confirmed patients of COVID-19, a case-fatality rate of 10.40%, and a death toll of 20,852. France reported 156,480 confirmed cases, a death toll of 20,292, and a case fatality rate of 13.00%. Similarly, the United Kingdom declared 125,856 cases, total deaths 16,550 with a case-fatality rate of 13.10%, as of April 21, 2020.

**Table 1** COVID-19 Cases and Mortality, The Most Affected Countries, as of April 21, 2020 (First Wave)

Country	Confirmed	Deaths	Case-Fatality	Deaths/100k Pop.
US	784,326	42,094	5.40%	12.87
Italy	181,228	24,114	13.30%	39.9
Spain	200,210	20,852	10.40%	44.63
France	156,480	20,292	13.00%	30.29
United Kingdom	125,856	16,550	13.10%	24.89
Belgium	39,983	5828	14.60%	51.02
Iran	83,505	5209	6.20%	6.37
Germany	147,065	4862	3.30%	5.86
China	83,817	4636	5.50%	0.33
Netherlands	33,588	3764	11.30%	21.84
Brazil	40,743	2587	6.30%	1.24
Turkey	90,980	2140	2.40%	2.6
Canada	37,657	1725	4.60%	4.65
Sweden	14,720	1580	10.70%	15.52
Switzerland	27,944	1429	5.10%	16.78
Portugal	20,863	735	3.50%	7.15
Ireland	15,652	687	4.40%	14.15

**Note:**Data from CSSE COVID-19 data; unpublished data; February 23, 2021.

### Global Situation of the COVID-19 Transmission – First Wave of the Pandemic Table

1 shows the COVID-19 cases and mortality by the most affected country, as of April 21, 2020, worldwide. According to the WHO's statistics, the USA is still the most affected country with confirmed cases of 784,326, deaths 42,094, and a case-fatality rate of 5.40%. Italy remained the second most victim of the lethal disease of the COVID-19 and reported 181,228 cases with deaths total of 24,114 and a case fatality rate of 13.30%, as of April 21, 2020. Global Health Crisis Due to Transmission of the COVID-19 Pandemic – Second Wave

By analyzing the current economic problem, it is critical to understand that there was no availability of approved clinical antiviral drugs or useful vaccines to treat the patients of the

COVID-19 as of October 2020. A contagious disease spreads from person to person through their droplets present in the air or by touching infected surfaces. The COVID-19 outbreak infected over 36.8 million individuals causing deaths of over 1.067; however, more than 27.697 million people recovered from the transmittable disease as of October 9, 2020, around the world. The second wave of the ongoing COVID-19 pandemic quickly spread to the world, and there were 109.744 million cases, 2.421 million deaths with a global case fatality rate of 2.2%, as of February 15, 2021. There were more than 84.307 million successful recoveries from the ongoing infectious disease. The emergence of the coronavirus epidemic (COVID-19) also disrupted the economy of Pakistan massively. Health officials reported 317,595 virus patients as of October 9, 2020, which has posed substantial social, economic, health crisis, and environmental challenges.<sup>110</sup> See Figure 2 for the COVID-19 cumulative claims of virus infection. Figure 2 specifies that there were more than 33.43 million confirmed cases in Europe, 32.38 million cases in North America, 24.48 million cases in Asia, excluding China. There were 17.46 million cases in South America, 3.84 million in Africa, and 32,439 confirmed cases in Oceania. China declared 100,784 confirmed cases of the COVID-19 as of February 23, 2021. Overall, Figure 2 indicated the global view of the COVID19 infection, and there were more than 111.72 million confirmed cases of the COVID-19 worldwide. See Table 2 about cases and mortality. See Figure 3 for the COVID-19 Case Fatality Rate (CFR) of the COVID-19 worldwide. Case Fatality Rate (CFR) of the COVID-19 of the most affected countries as indicated by Figure 3. The case fatality rate was 4.8% in China, 3.4% in Italy, 3.1% in Australia, and 2.9% in the UK. Similarly, Germany declared a case-fatality rate of 2.8%, Africa, 2.6%, South America, 2.6%, and Brazil, 2.4%, respectively. See Figure 4

below on daily new cases/million population. Figure 4 shows daily new COVID-19 confirmed cases per million people in the selected countries, as of February 23, 2021, worldwide. Figure 4 shows the daily cases in the rolling average of 7-days from February 22, 2020, to February 22, 2021. The number of positive cases of the COVID-19 infection is lower than real case.

Discussion Public health crises, epidemics, and pandemics always bring stern stress, anxiety symptoms, and worries to global communities, especially those who face virus attacks. The outbreak of the COVID-19 has brought a new series of fears and anxieties about the absence of an effective vaccine, medication, volunteer shortage, practicing social distancing, lack of education on preventive measures, wearing a mask, washing hands, escalating economic woes and individuals concerns about loved one's wellbeing. The appearance of the COVID-19 has increased domestic violence issues and brought the same fears, mental stress, and anxieties worldwide.<sup>120</sup> Wuhan city was the first identified epicenter of this global health crisis. Consequently, the COVID-19 pandemic posed a challenge to identify specific invisible harm of the virus, including toll on mental health, such as stress, anxieties, depression, and secondary trauma. A previous study uncovered hidden damage like depression, anxiety symptoms, and secondary trauma among Wuhan residents after the COVID-19 struck and the health crisis, and 19.2% of people showed moderate to severe depression symptoms, and 20.3% individuals reported moderate to severe symptoms of secondary trauma. The COVID-19 appearance has proved a nervewracking time for people worldwide, and the excessive usage of social media indicated a relationship with health behavior change. People used social media to seeking information about the COVID-19

pandemic. It resulted in health behavior change and helped mitigate and manage the virus threats in the absence of a vaccine, screening, or testing kits. The emergence of the ongoing pandemic COVID-19 has caused a global health emergency. Despite the relatively higher number of coronavirus cases, the case fatality rate of the COVID-19 stands at 2.2% in Pakistan, which is slightly higher across Asia at 1.94%. However, the fatality rate is expressively lower than the worldwide average rate at almost 3.3%. While Pakistan reported the 17th highest confirmed cases count and the world's 23-highest death numbers. The Government imposed a nation-wide lockdown from April 1, extended it twice until May 9, 2020, and eased lockdown in different phases. Pakistan introduced the strategy of smart lockdowns, which imposed lockdown to highly infected areas. This policy received appreciation worldwide. The distribution of the COVID19 cases heavily originated from a few central regions in Pakistan. Karachi is the most extensive city recorded cases, making up 28.1% of infected patients in Pakistan. Lahore stood at the second-largest town and reported confirmed patients, making up almost 16% of the country's cases. Peshawar district and Islamabad Capital Territory (ICT), Islamabad, Peshawar, Lahore, and Karachi made up nearly 55% of Pakistan's total cases.

Role of Social Media and Technological Tools for Educating Provision Information technology has significantly affected multiple aspects of human lives in recent times; however, technology has played an indispensable role in education provision at levels, including primary, secondary, and higher education worldwide. The use of educational technology has gained popularity increasingly in the education industry. 121 There was tremendous global growth in education provision at all levels during the last few decades.

However, the spread of the COVID-19 has developed a big challenge for national education systems in providing education.<sup>122</sup> Governments in numerous countries have ordered educational institutions to suspend face-to-face academic learning, instruction for their students until the global situation gets better and the coronavirus spread comes under control. This emergency compelled universities and educational institutes to switch their education mode overnight, and educational institutes adopted online teaching and virtual learning through technology usage.<sup>123</sup> However, learning and teaching mode by using virtual technology is not a new phenomenon for education provision. During the last decades, several educational institutes have incorporated the face-to-face method of teaching.<sup>124</sup> In the COVID-19 health crisis, other assessment options help use online training through educational technology to consider problems in unique educational settings to tackle the health emergency. <sup>125</sup> Educational institutions adopted the required online education provision features and continued delivering online teaching and learning.<sup>126</sup> The global and Pakistan media platforms have played an indispensable role in mitigating mental health's psychological effects. Different media channels launched special transmissions and invited health professionals to provide useful information on the pandemic COVID-19. Experts discussed the preventive measures to combat the outbreak of the novel virus. The media in Pakistan enjoys broadcasting freedom, and it influences the public's daily life.<sup>127</sup> The media played a positive and responsible role in the critical situation of the COVID-19 outbreak for the people's wellbeing and provided updated information. Media hosts invited healthcare experts, psychiatrists, and psychologists in dedicated programs and experts to instruct and advise how to cope with this stressful situation to avoid mental strain without distressing their



mental health. The special reliable programs on the COVID-19 campaigns boosted the public's morale and provided them mental relief.<sup>128</sup> Conclusion This research identifies that the excessive usage of social media content in the appearance of a global health crisis might be rewarding and useful to obtain emotional, informational, and peer support; however, at the same time, it increases the toll on mental health. There is no easy fixed way to distress disorders when a pandemic or an epidemic attacks human beings. Coping with the ordinary methods can help deal with new stressors, while some people might try to reinforce an austere sense of resilience. The study findings imply taking a break from social media use from time-to-time, which helps improve mental wellbeing in the advent of the COVID-19 pandemic. Since the prevalence of the deadly virus, COVID-19 spreads pear to people at the social level. It is necessary to take appropriate mental and physical health prevention measures, especially in less developed countries such as Pakistan. These countries have minimal resources, and healthcare systems' management is not sufficiently developed or advanced in detecting disease outbreaks promptly. There is a high demand to resolve the mental health toll. Psychiatrists, health specialists, Psychologists, and paramedical staff can help in treating patients. They can aid in avoiding and mitigating the long-term spread of the infectious (2019-nCoV) virus. Numerous strategies, such as an online psychological helpline, can also work by staying at home. It facilitates citizens to seek mental health advice from psychologists and other health professionals and can easily maintain communication and obtain the assistance they need. The respondents' critical elements suggest that extensive testing of suspects is required on a large scale, tracking active transmitters and a rigorous focus on home diagnosis. The public needs care and protection from the virus, and medical

experts and paramedical personnel can take care to manage the toll on mental health. Health experts are fighting from the front against this deadly disease worldwide. Social media provided platforms to seek health information for those who desired health-related information in the outbreak of the COVID-19. Globally, individuals faced massive pressure and the health threat posed by the ongoing pandemic the COVID-19 that increased social media use. The public needed correct health-related information and stayed connected with coworkers, peers, friends, and family members. Masses involved in using social media and other technological tools to seeking significant emotional, informational, and peer support to obtain health-related information. More social media use leads to a more substantial level of healthrelated information accessible to the people. They started wearing facemasks, washing hands and practicing social distancing, which predicted emotional, informational, and peers support.