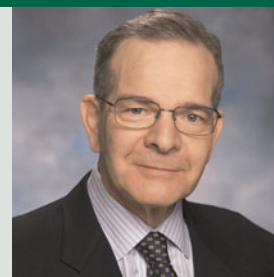


Editorial

A global needs assessment in times of a global crisis: world psychiatry response to the COVID-19 pandemic

Kenneth R. Kaufman, Eva Petkova, Kamaldeep S. Bhui and Thomas G. Schulze



Summary

The COVID-19 pandemic has stunned the global community with marked social and psychological ramifications. There are key challenges for psychiatry that require urgent attention to ensure mental health well-being for all – COVID-19-positive patients, healthcare professionals, first responders, people with psychiatric disorders and the general population. This editorial outlines some of these challenges and research questions, and serves as a preliminary framework of what needs to be addressed. Mental healthcare should be an integral component of healthcare policy and practice towards COVID-19. Collaborative efforts from psychiatric organisations and their members are required to maximise appropriate clinical and educational interventions while minimising stigma.

Keywords

COVID-19; mental health; stigma; vulnerable populations; psychiatric guidelines; healthcare policy; medical disaster; infectious outbreaks; psychiatric organisations; education.

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Kenneth R. Kaufman (pictured) is Editor-in-Chief of *BJPsych Open* and Professor of Psychiatry, Neurology and Anesthesiology at Rutgers Robert Wood Johnson Medical School, New Brunswick, New Jersey, USA. He is Visiting Professor of Psychological Medicine at the Institute of Psychiatry, Psychology & Neuroscience, King's College London, UK. **Eva Petkova** is Deputy Editor of *BJPsych Open* and Professor of Population Health and Child and Adolescent Psychiatry at New York University Grossman School of Medicine in New York, USA. She is Senior Scientist at the Nathan Kline Institute of Psychiatric Research in Orangeburg, New York, USA. **Kamaldeep S. Bhui** is Associate Editor of *BJPsych Open* and Professor of Cultural Psychiatry and Epidemiology, Centre for Psychiatry, Queen Mary University of London and Honorary Consultant Psychiatrist, East London NHS Foundation Trust, UK. **Thomas G. Schulze** is Deputy Editor of *BJPsych Open* and Chair and Director of the Institute of Psychiatric Phenomics and Genomics at the Ludwig-Maximilians-University of Munich, Germany. He is Clinical Professor of Psychiatry and Behavioral Sciences, SUNY Upstate Medical University, Syracuse, New York, USA.

The COVID-19 pandemic has stunned the global community, its reality only being accepted by the public with advice and subsequent legal enforcement of physical isolation to avoid contamination and transmission. The pandemic affects everyone, but the impact on some groups may be greater, as is commonly the case where there are pre-existing health inequalities and social exclusion and stigma related to chronic conditions such as schizophrenia or depression or mental illnesses in general. Thus, those with pre-existing conditions are at risk, yet these are often assumed to mean diabetes, heart or lung disease, cancer or immunocompromising disorders. Yet, people with mental illnesses already have higher rates of chronic medical conditions and a shortened lifespan. People with mental illness also struggle with poverty, housing, access to education and employment, and social connection, especially if their illnesses are very disabling affecting communication and relational skills. Consequently, a pandemic may well be expected to affect them even more than patients without psychiatric illnesses.

To illustrate: if they are in-patients, close proximity to others cannot be avoided; and if they live alone and isolated, they will not be easily able to ask for and secure additional supports, should they fall ill with COVID-19, especially as social care and support has in most countries been declining given the impact of austerity. Psychiatric patients should be considered an extremely

vulnerable population in the COVID-19 pandemic. Incorporating psychiatric care and mental healthcare in general into the response to COVID-19 must thus be regarded a major public health imperative; any official response to a pandemic like COVID-19 without a psychiatric component would violate a government's prime duty: to ensure the health and safety of the society.

In the face of the COVID-19 pandemic, dissemination of knowledge, clinical care and appreciation of our patients' perspective are key. This pandemic goes far beyond what medical communities and societies around the globe in general imagined. We have to consult history books to get a glimpse of a global medical crisis comparable with what we are witnessing now: the Spanish influenza (1918–1920) is suddenly no longer a footnote in high-school students' textbooks but has become something to which each of us can relate. This pandemic of the past is now being used to alert society to the multitude of challenges posed by COVID-19.

Major challenges for psychiatry

From the vantage point of psychiatry, we see eight major challenges that need our urgent attention:

- How does a pandemic like the current one have an impact on people with a psychiatric disorder including, but not limited to, symptom severity, relapses, need for increased frequency and intensity of mental healthcare? Will the COVID-19 pandemic peaking in the spring further exacerbate seasonal (spring) mania and suicidality?
- Will a pandemic like COVID-19 trigger psychiatric illnesses in people who so far have been considered mentally healthy? Or in other words, can it lead to an increase in psychiatric morbidity and comorbidity in the general population?
- How can psychiatrists and other mental healthcare professionals meaningfully address the potential impact on mental health of the population? In particular, how can a discipline that is based on a very close doctor–patient relationship uphold

its standards of authenticity and empathy when both doctors and patients are considered a potential source of infection?

- (d) In our new world of social isolation, patients in need of care, even urgent care, are cancelling necessary appointments. How do we make telepsychiatry as meaningful, efficient and as effective as possible? Further, will such isolation lead to future psychiatric symptoms?
- (e) How can the mental health ramifications of the COVID-19 pandemic be communicated to other, non-psychiatrically trained health professionals? This also includes the impact on first responders (police, paramedics etc) and health professionals (emergency room and intensive care unit staff) working on the frontline of the fight against COVID-19.
- (f) How can we avoid and fight stigma and aggression and discrimination directed at people infected or presumed to be affected by COVID-19?
- (g) Are liaison psychiatrists, who frequently are requested to consult prior to neurologists, cognizant and prepared to address atypical neurological and neuropsychiatric presentations associated with COVID-19? Integrated care is recommended among healthcare providers.
- (h) As healthcare systems focus on the direct medical effects of COVID-19 with reallocation of resources including personnel, there may be a negative impact on both the quantity and quality of mental healthcare. This has long-term effects for psychiatric and general populations, for healthcare providers and first responders, as disasters, high-mortality infectious outbreaks and this pandemic in particular will lead to significant levels of post-traumatic stress disorder (PTSD), especially if a period of quarantine is required.^{1,2} The current medical morbidity and mortality associated with COVID-19 must be dramatically addressed, but so too should the acute and chronic morbidity and even mortality from the development and/or worsening of PTSD and other psychiatric diagnoses.

We firmly believe that discussing these challenges is a task of global scope. This is not the time when national recommendations or guidelines alone will suffice but when international medical societies should rise to the occasion and offer evidence and advice. COVID-19 should not be an excuse for xenophobia but should be the basis for global public healthcare now and in the future with sharing of knowledge, testing and trials. It should also be a time when all international medical societies work together.

Key psychiatric research themes

Key psychiatric research themes that might be endorsed and sponsored by large international psychiatric societies (for example the Royal College of Psychiatrists, American Psychiatric Association, European Psychiatric Association and World Psychiatric Association) include:

- (a) perspectives of healthcare providers towards patients with COVID-19;
- (b) perspectives of healthcare providers towards patients who come from, or are ancestrally associated with, countries with high COVID-19 infection rates;
- (c) current and prospective levels of anxiety, depression, stress, PTSD and functional status among healthcare providers;
- (d) feasibility and efficacy of online education of non-psychiatrically trained health professionals regarding the psychological impact of COVID-19; and
- (e) feasibility and efficacy of online education and training for healthcare providers to reduce stigma associated both with COVID-19 and mental health with emphasis on cultural themes and double stigma.

The same five research themes need to be posed to the general population and people with psychiatric disorders.

The need for intervention position statements

Whereas initial and prospective studies have addressed the psychiatric impact of severe acute respiratory syndrome (SARS) and Middle East respiratory syndrome (MERS) with emphasis on need for continuous psychiatric input to reduce immediate and long-term psychiatric morbidity when encountering high-mortality infectious outbreaks,³⁻⁸ there are only limited reports addressing the psychiatric impact of COVID-19.⁹⁻¹¹ Findings from all SARS, MERS and even preliminary COVID-19 studies will assist in focusing responses to the challenges posed, although the dynamic implications of rapidly progressive COVID-19 statistics with global and prolonged lockdowns suggest that COVID-19 will have an even greater social and psychological impact than SARS and MERS. What is needed goes beyond research; 'hands-on' psychiatric and mental healthcare clinical interventions are needed. International societies can work together to formulate intervention position statements to be shared with clinicians, patients and caregivers to help alleviate the degree of anxiety and depression both acutely and to address long-term sequelae.

The role of professional psychiatric organisations

Professional psychiatric organisations, including the American Psychiatric Association, the Royal College of Psychiatrists, the World Psychiatric Association and the American Academy of Child and Adolescent Psychiatry, have begun to provide resources to address some of the most ardent questions raised.¹²⁻¹⁵ National and international psychiatric organisations working together would lead to maximal guidance and further support for patients and healthcare providers.

Literature addresses the impact of disasters, though not pandemics, on survivors, patients, the bereaved, society, medical personnel and first responders.¹ Yet with >2 billion people in some form of lockdown, this is a medical disaster of global proportions with a still unknown trajectory. How do we meaningfully educate our medical colleagues and first responders that a pandemic such as the current one has a major impact on the mental health of psychiatric patients, patients tested positive for COVID-19, the general population, first responders and healthcare professionals? How do we ensure that mental healthcare is not only an integral component of healthcare policy but also applied practice towards COVID-19?

The role of social media

In a world of social media, we need to turn to our telepsychiatry experts to formulate best processes and messaging as well as to address social isolation. Suggested research will help develop more detailed and effective approaches. Social media can be supportive, but non-evidenced-based information on social media can be disruptive and harmful resulting in negative psychological effects.



Stigma

Finally, with the advent of the COVID-19 pandemic, stigma and xenophobia have become major elements of the public discourse and a regrettable, but everyday reality. We have been witnessing increased antagonism towards specific groups with high infection rates that in turn has led to patients presenting with both enacted

and felt stigma and associated increased anxiety and depression. Combining the stigma associated with mental illness with the stigma now shown towards certain COVID-positive patients may lead to double stigma, a barrier to psychiatric treatment adherence with resultant increased morbidity. Reducing stigma requires both national and international interventions.

Conclusions

In summary, to successfully address all these challenges and research themes in a manner that acknowledges the truly global nature and impact of the crisis we are witnessing, we see an urgent need for collaboration and consensus guidelines from psychiatric organisations and their members (task forces, treatment and education guidelines, multisite/multicountry research etc). We must work together to maximise knowledge, always remembering that only with knowledge come the many solutions required for today and the future.

Kenneth R. Kaufman , Departments of Psychiatry, Neurology, and Anesthesiology, Rutgers Robert Wood Johnson Medical School, USA; and Department of Psychological Medicine, Institute of Psychiatry, Psychology & Neuroscience, King's College London, UK; **Eva Petkova**, Departments of Population Health and Child and Adolescent Psychiatry, New York University Grossman School of Medicine; and Department of Clinical Research, Nathan Kline Institute of Psychiatric Research, USA; **Kamaldeep S. Bhui** , Departments of Cultural Psychiatry and Epidemiology, Centre for Psychiatry, Queen Mary University of London; and Honorary Consultant Psychiatrist, East London NHS Foundation Trust, UK; **Thomas G. Schulze**, Institute of Psychiatric Phenomics and Genomics (IPPG), Ludwig-Maximilians-University Munich, Germany; and Department of Psychiatry and Behavioral Sciences, SUNY Upstate Medical University, USA

Correspondence: Kenneth R. Kaufman. Email: kaufmakr@rwjms.rutgers.edu

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K.R.K. formulated this editorial. K.R.K. and T.G.S. co-wrote the first draft. K.S.B. and E.P. both read the first draft and added critical comments. All authors approved the original submission. All authors helped to revise and approved the final version.

Declaration of interest

K.R.K. is the Editor-in-Chief of *BJPsych Open* and a member of the *BJPsych* editorial board; E.P. is Deputy Editor of *BJPsych Open* and a statistical advisor of *BJPsych*; K.S.B. is Associate Editor of *BJPsych Open* and Editor-in-Chief of *BJPsych*; and T.G.S. is Deputy Editor of *BJPsych Open* and a member of the *BJPsych* editorial board. None of the authors took part in the peer-review or decision-making of this manuscript.

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References

- McFarlane AC, Williams R. Mental health services required after disasters: learning from the lasting effects of disasters. *Depress Res Treat* 2012; **2012**: 970194.
- Brooks SK, Webster RK, Smith LE, Woodland L, Wessely S, Greenberg N, et al. The psychological impact of quarantine and how to reduce it: rapid review of the evidence. *Lancet* 2020; **395**: 912–20.
- Lee AM, Wong JG, McAlonan GM, Cheung V, Cheung C, Sham PC, et al. Stress and psychological distress among SARS survivors 1 year after the outbreak. *Can J Psychiatry* 2007; **52**: 233–40.
- Lam MH, Wing YK, Yu MW, Leung CM, Ma RC, Kong AP, et al. Mental morbidities and chronic fatigue in severe acute respiratory syndrome survivors: long-term follow-up. *Arch Intern Med* 2009; **169**: 2142–7.
- Mak IW, Chu CM, Pan PC, Yiu MG, Chan VL. Long-term psychiatric morbidities among SARS survivors. *Gen Hosp Psychiatry* 2009; **31**: 318–26.
- Jeong H, Yim HW, Song YJ, Ki M, Min JA, Cho J, et al. Mental health status of people isolated due to Middle East Respiratory Syndrome. *Epidemiol Health* 2016; **38**: e2016048.
- Lee SM, Kang WS, Cho AR, Kim T, Park JK. Psychological impact of the 2015 MERS outbreak on hospital workers and quarantined hemodialysis patients. *Compr Psychiatry* 2018; **87**: 123–7.
- Alsubaie S, Hani Temsah M, Al-Eyadhy AA, Gossady I, Hasan GM, Al-Rabiaah A, et al. Middle East respiratory syndrome coronavirus epidemic impact on healthcare workers' risk perceptions, work and personal lives. *J Infect Dev Ctries* 2019; **13**: 920–6.
- Wang C, Pan R, Wan X, Tan Y, Xu L, Ho CS, et al. Immediate psychological responses and associated factors during the initial stage of the 2019 Coronavirus Disease (COVID-19) epidemic among the general population in China. *Int J Environ Res Public Health* 2020; **17**: E1729.
- Chen Q, Liang M, Li Y, Guo J, Fei D, Wang L, et al. Mental health care for medical staff in China during the COVID-19 outbreak. *Lancet Psychiatry* 2020; **7**: e15–6.
- Liu S, Yang L, Zhang C, Xiang YT, Liu Z, Hu S, et al. Online mental health services in China during the COVID-19 outbreak. *Lancet Psychiatry* 2020; **7**: e17–8.
- American Psychiatric Association. *Practice Guidance for COVID-19*. APA, 2020 (<https://www.psychiatry.org/psychiatrists/covid-19-coronavirus/practice-guidance-for-covid-19> [cited 23 Mar 2020]).
- Royal College of Psychiatrists. *Guidance for Clinicians*. RCPsych, 2020 (<https://www.rcpsych.ac.uk/about-us/responding-to-covid-19/responding-to-covid-19-guidance-for-clinicians> [cited 23 Mar 2020]).
- World Psychiatric Association. *Coronavirus (COVID-19) Mental Health Resources*. WPA, 2020 (<https://www.wpanet.org/covid-19-resources> [cited 27 Mar 2020]).
- American Academy of Child and Adolescent Psychiatry. *Talking to Children about Coronavirus (COVID-19)*. AACAP, 2020 (https://www.aacap.org/App_Themes/AACAP/Docs/latest_news/2020/Coronavirus_COVID19_Children.pdf [cited 24 Mar 2020]).

