

▶▶ Countering COVID-19 mental health crises with digital health policy interventions

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The lack of access to mental healthcare, particularly psychiatric services, is well documented. In some cases, especially for people living in rural and remote areas, there is virtually no in-person therapy available, or at best, long waits for those in need of mental health treatment.¹ This mental health crisis has been considerably magnified during the COVID-19 pandemic, as entire populations are affected by this uncertain outbreak. Apart from collective anxiety about the disease itself, COVID-19 is affecting peoples' livelihood. The stark reality of its impact was evident when approximately one million Canadians applied for Canadian Emergency Response Benefits on the very first day it was offered to the public on April 6, 2020.² Rising rates of alcohol sales and domestic violence during

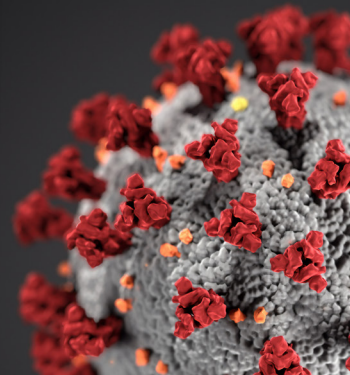
this social isolation era further compound this growing mental health emergency.^{3,4} Moreover, individuals who would normally have access to mental health services to cope with these challenges are unable to do so due to the imposition of social distancing directives.⁵ It is complex and complicated situation.

Today, most health care systems offer mental health services on a face-to-face basis. It's time that thought is given to how we can change the delivery model and open the door to more accessible and effective mental health care. Considering current social distancing regulations sanctioned to prevent and control the spread of the COVID-19, a new approach is necessary now, more than ever. Simply put, the time is upon us to implement remote and

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COVID-19 SERIES: FROM CRISIS TO RECOVERY

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digital health interventions, such as Internet-delivered cognitive behavioural therapy (ICBT).⁶

►► What is ICBT?

ICBT is an innovative digital mental health intervention.⁷ It utilizes the principles of traditional cognitive behavioural therapy (CBT), to provide psychotherapeutic services for various mental illnesses, including mood and anxiety disorders to both individuals and groups via the Internet.⁸ ICBT can be accessed by multiple digital devices (laptop, smartphone etc.) with or without therapist support,⁸ and its content and delivery may differ based on the condition of the individual undergoing treatment.⁸ ICBT can overcome limitations associated with traditional face-to-face therapy, and evidence confirms the clinical effectiveness of ICBT, especially for the treatment of depression and generalized anxiety.^{9,10} Thus, ICBT can be a critical therapeutic tool in bridging mental health service gaps during pandemics such as COVID-19.¹¹ Moreover, ICBT can be readily incorporated into existing health care systems.¹²

An example of such an approach can be found in Saskatchewan, where ICBT is being implemented by the University of Regina's Online Therapy Unit.¹³ This integration of ICBT into provincial healthcare services provides the much needed headstart to tackle mental health crises during this pandemic. Having said that, there are several hurdles to the successful implementation and uptake ICBT. Based on the ongoing digital health intervention research being conducted at Digital Epidemiology and Population Health Laboratory (DEPth Lab), and the Online Therapy Unit, we are proposing evidence-based policies that would help overcome the current uncertain mental health care landscape due to the COVID pandemic.

►► Patient-Oriented Public Health Policy

In general, individuals facing high stress levels due financial concerns, and those with chaotic lives tend to have a lower awareness of treatment access.¹³ Clearly, there is a need to raise the public visibility of digital health interventions such as ICBT. The online nature of the therapy increases accessibility by providing free-of-cost service access in Saskatchewan, which could be particularly beneficial for individuals suffering the mental health effects as a result of the pandemic. To meet mental health needs of such vulnerable populations, particularly those in rural and remote areas, policymakers should consider targeted population health promotion initiatives to raise awareness.¹ Information on cost-free services available and benefits of ICBT should be effectively communicated with rural communities in order to demonstrate that location is not a factor when it comes to the delivery of online mental health therapy. Such health promotion efforts, properly planned and implemented, will also benefit other low-income groups such as immigrants, who might also have limited knowledge of healthcare access.

Due to the historical stigma associated with mental illness, the effectiveness of campaigns to raise awareness of mental health

services can be challenging. However, the COVID-19 public health emergency offers an opportunity to raise the profile and need for innovative mental health care delivery. In the current global scenario, citizens are looking for governments to lead and are paying close attention to direction from policy makers. It has created a public environment that opens a pathway for decision-makers to not only promote evidence-based digital health interventions such as ICBT, but also create awareness and emphasize the need for citizens to proactively seek remote health care services.

Mobilizing this two-way engagement can be facilitated by deploying therapy that adopts patient-oriented approaches. Involving patients in the design of therapy empowers them to become active and equal partners in digital health interventions, from conceptualization to knowledge dissemination. The use of empowering patient-oriented approaches will also play an important role in mitigating fear of the treatment itself, the stigma often associated with it, and discrimination by society, which are major attitudinal barriers to seek mental health treatment. Beyond reducing public stigma, when patients are provided a platform to share their experiences,¹⁴ it can provide a pathway to counter detrimental self-labeling, where patients internalize negative perceptions of themselves. Moreover, patient-oriented public health policy can play an important role in drawing a wider range of populations to try digital health interventions, which are essential to overcome the abrupt suspension of in-person mental healthcare services as part of social distancing policies.

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►► Public Policy to Address Internet Inequity

An issue that needs to be addressed in the application of digital health interventions is the so called "digital divide", which is fundamentally caused by Internet inequity. Internet inequity is defined as differential access to the internet based on the wealth

of stakeholders have buy-in to the policy change and that their interests align with the proposed recommendations. Inadequate funding and lack of highly skilled personnel could impact policy implementation. To strategically address these issues, there is a need to conduct cost-benefit analyses to allocate resources for optimal implementation.

►► Conclusion

This global crisis is an opportunity to scale-up digital health interventions such as ICBT to overcome the constraints of traditional face-to-face mental health treatment. The mental health crisis is going to stay long after we overcome the COVID-19 pandemic, and the reimagination and reinvention of existing digital health tools during this pandemic can usher in a new era to tackle pervasive mental health illnesses. In doing so, we have the opportunity to address systemic issues such as Internet inequity, which has immense implications for population health and wellbeing.

►► Acknowledgements

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Eric Kwabia is a registered nurse by profession. He acquired his BSc Nursing degree from the University of Ghana in 2009 and completed his MSc in Telemedicine and eHealth at The Arctic University of Norway in 2015. Prior to moving to Regina, Eric worked with the Ministry of Health in Ghana as a Program coordinator for Telenursing and eHealth. Currently, he is completing a Master's degree in

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►► References

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People who are passionate about public policy know that the Province of Saskatchewan has pioneered some of Canada's major policy innovations. The two distinguished public servants after whom the school is named, Albert W. Johnson and Thomas K. Shoyama, used their practical and theoretical knowledge to challenge existing policies and practices, as well as to explore new policies and organizational forms. Earning the label, “the Greatest Generation,” they and their colleagues became part of a group of modernizers who saw government as a positive catalyst of change in post-war Canada. They created a legacy of achievement in public administration and professionalism in public service that remains a continuing inspiration for public servants in Saskatchewan and across the country. The Johnson Shoyama Graduate School of Public Policy is proud to carry on the tradition by educating students interested in and devoted to advancing public value.

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