

# MYTH vs FACT on Serious Mental Illness

# **TECHNOLOGY**

There are many myths around serious mental illness (SMI) that are not always accurate. Let's take a look at common myths around SMI and technology.

#### **MYTH**

**Telehealth Is Not Effective For People** Who Have SMI



#### **FACT**

Several reviews show that telehealth offers the same benefits as in-person care for all mental health conditions. This includes SMI.<sup>1, 2, 3</sup>

The only known contraindication to telehealth is if a patient does not want to participate.

#### **MYTH**

**People Who Have** Schizophrenia Are **Paranoid About Telehealth** 



### **FACT**

Studies on telehealth do not suggest that it causes paranoia or adverse symptoms for individuals who have schizophrenia.4,5

In fact, when it comes to technology, paranoia is not the biggest barrier. They are more concerned about privacy issues.<sup>6</sup>

Other studies show that technology-based interventions may

even help reduce symptoms of paranoia.<sup>7</sup>

#### **MYTH**

#### **FACT**

**People Who Have SMI Do Not Own Smartphones** 



A 2019 survey of the U.S. population shows that 81% already own a smartphone. This is forecast to rise as prices for devices and data continue to fall.8

There are several smaller studies on individuals who have SMI. These studies suggest that as many as 70% own smartphones.<sup>9, 10, 11, 12</sup>

#### **MYTH**

#### **FACT**

**People Who Have SMI Cannot Use Smartphones Or Health Apps** 



Smartphones are common now since so many things in our world are driven by technology. Like the broader population, some individuals who have SMI are wizards on their phones. Others find it to be more challenging.

Recent studies show that:

Individuals who have SMI offer peer support to others via smartphones and other technology platforms.<sup>13</sup>



50% of people who have SMI have downloaded apps onto their smartphones.14



76% of people who have SMI say they are somewhat or very satisfied with their phone or tablet.15

## Join our #MissionForBetter at SMIadviser.org.

Sources:

- Bashshur RL, Shannon GW, Bashshur N, Yellowlees PM. The empirical evidence for telemedicine interventions in mental disorders. Telemedicine and e-Health. 2016 Feb 1;22(2):87-113. 1.
- Hubley S, Lynch SB, Schneck C, Thomas M, Shore J. Review of key telepsychiatry outcomes. World Journal of Psychiatry. 2016 Jun 22;6(2):269. 2.
- Smith K et al. COVID-19 and telepsychiatry: An evidence-based guidance for clinicians. JMIR Mental Health 2020 Jul 10; [e-pub]. https://doi.org/10.2196/21108
- Krzystanek M, Krzeszowski D, Jagoda K, Krysta K. Long term telemedicine study of compliance in paranoid schizophrenia. Psychiatr Danub. 2015 Sep 1;27(Suppl 1):S266-268
- Bashshur RL, Shannon GW, Bashshur N, Yellowlees PM. The empirical evidence for telemedicine interventions in mental disorders. Telemedicine and e-Health. 2016 Feb 1;22(2):87-113.
- Allan, S., Bradstreet, S., Mcleod, H., Farhall, J., Lambrou, M., Gleeson, J., Clark, A., Gumley, A. and EMPOWER Group, 2019. Developing a Hypothetical Implementation Framework of Expectations for Monitoring Early Signs of Psychosis Relapse Using a Mobile App: Qualitative Study. Journal of Medical Internet Research, 21(10), p.e14366.
- Kidd SA, Feldcamp L, Adler A, Kaleis L, Wang W, Vichnevetski K, et al. (2019) Feasibility and outcomes of a multi-function mobile health approach for the schizophrenia spectrum: App4Independence (A4i). PLoS ONE 14(7):e021949. June 2019 Pew Research Center, June 2019, https://www.pewinternet.org/fact-sheet/mobile/
- Young AS, Cohen AN, Niv N, Nowlin-Finch N, Oberman RS, Olmos-Ochoa TT, Goldberg RW, Whelan F. Mobile phone and smartphone use by people with serious mental illness. Psychiatric services. 2020 Mar 1;71(3):280-3.
- Luther L, Buck BE, Fischer MA, Johnson-Kwochka AV, Coffin G, Salyers MP. Examining Potential Barriers to mHealth Implementation and Engagement in Schizophrenia: Phone Ownership and Symptom Severity. Journal of Technology in Behavioral Science. 2020 Aug 31:1-0. 10.
- Hoşgelen El, Akdede BB, Alptekin K. M101. Prevelance Use of Technological Devices and Internet Among Patients Diagnosed with Schizophrenia and Schizoaffective Disorder. Schizophrenia Bulletin. 2020 May;46(Suppl 1):S173.
- Torous J, Wisniewski H, Liu G, Keshavan M. Mental health mobile phone app usage, concerns, and benefits among psychiatric outpatients: comparative survey study. JMIR Mental Health. 2018;5(4):e11715. Fortuna KL, Naslund JA, LaCroix JM, Bianco CL, Brooks JM, Zisman-Ilani Y, Muralidharan A, Deegan P. Digital peer support mental health interventions for people with a lived experience of a serious mental illness: systematic review. JMIR mental health. 2020;7(4):e16460.
- 14. Torous J, Wisniewski H, Liu G, Keshavan M. Mental health mobile phone app usage, concerns, and benefits among psychiatric outpatients: comparative survey study. JMIR mental health. 2018;5(4):e11715.
- Gitlow L, Abdelaal F, Etienne A, Hensley J, Krukowski E, Toner M. Exploring the current usage and preferences for everyday technology among people with serious mental illnesses. Occupational Therapy in N ntal Health, 2017 Jan 2:33(1):1-4 15.

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