

## The DNP and Quality Improvement

# Decreasing No-Show Appointments at a Regional Mental Health Organization

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## **Background Significance**

#### No-Show or Missed Appointments:

- Cost the US healthcare system \$150 billion per year
- Twice as high in psychiatric clinics
- Negatively affect patients' treatment and health outcomes
- Incomplete preventive care
- Threat to patients and the future doors at a Regional Mental Health Organization (RMHO).
- Organization's current standard of care
- Evidence-based practice and quality improvement interventions

(Drewek, Mirea, & Adelson, 2017; Jain, 2020; Long et al., 2016)

# **Purpose and Literature Summary**

#### **Aim/Question?**

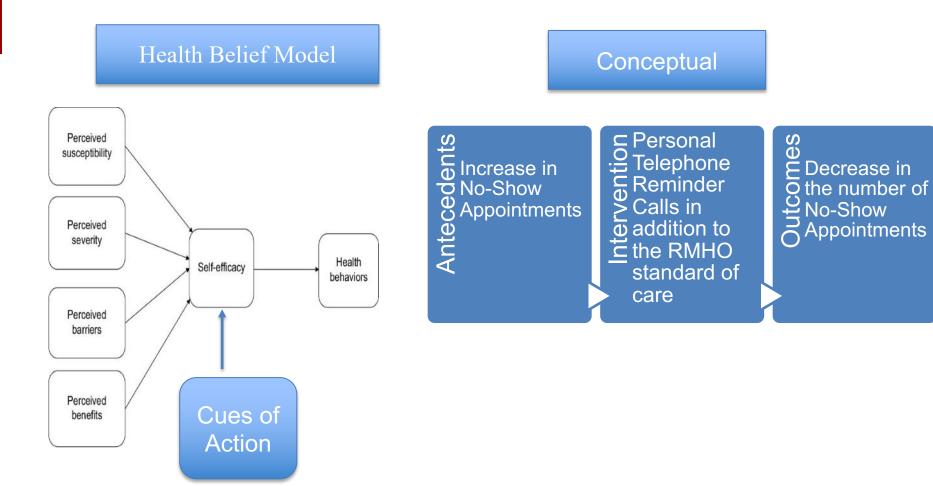
• Whether personal telephone reminder (PTR) calls, in addition to automated textmessaging (ATM) reminders, have an impact on reducing the number of no-show appointments at a RMHO?

#### **Summary of Literature**

- Appointment reminders impact on missed appointments
- ATM and PTR most relevant and effective
- Lead times
- Common reasons for missed appointments
- Demographics

(McLean et al., 2016; Perron et al., 2013; Car et al., 2013; Shah et al., 2016; Miller & Ambrose, 2019; Salameh, Olsen, & Howard, 2012; Teo et al., 2017; Mayer & Fontelo, 2017; Drewek et al., 2017; Childers et al., 2016)

#### **Theoretical Framework**



(Jones & Llewellyn, 2014)



## **Methods**

- IRB approval
- Setting at a Mental Health Organization
- (N=26) met inclusion criteria and provided informed consent
- Confidentiality
- Instrument measurement tools
- Demographic data
- Surveys
- Data Analysis
  - Baseline and post-intervention data
  - Excel and SPSS Version 27
  - Descriptive statistical method



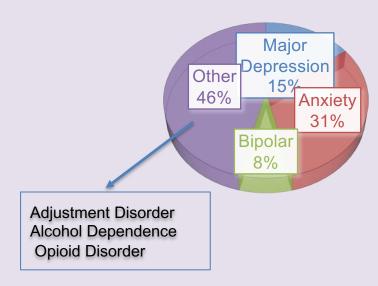
Mean Age 36.4

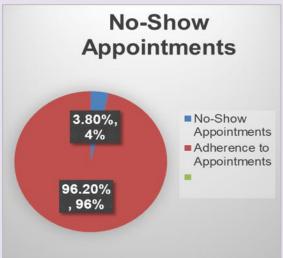
# Project Findings N=26

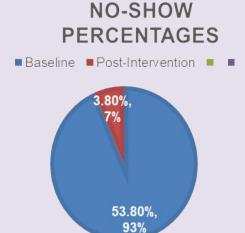
**DIAGNOSES** 











Key Members
N=8
87.5%
Overall Satisfied

# Limitations and Implications for Practice

#### Limitations

- COVID-19 Pandemic
- Organization's population
- Data of reasons for missed appointments
- Flaws in the standard of care –ATM reminders

#### **Implications for Practice**

- Project's importance to the RMHO
- Benefits for the RMHO
- What worked well and lessons learned
- A call for change for change in legislation

## **Recommendations and Conclusion**

- Future Opportunities and Next Steps
  - Dissemination
  - Conduct a SWOT Analysis
  - Continue the 24- hour reminder PTR call
  - Assess barriers through follow-up
  - Keep shorter lead times
- The literature support of ATMs and PTR calls in reduction of no-show appointments
- Continual care and improved patient outcomes

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