



Stakeholder Assessment for a Remote Perinatal Telepsychiatry Service

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BACKGROUND

Creation of specialized telehealth services can address health care gaps and identify targeted areas for education

Our institution is implementing a telepsychiatry perinatal consultation service to a remote labor and delivery unit

This requires input from local health care workers to be successful



OBJECTIVES

- To describe findings from an anonymous stakeholder survey
- To determine focus for a telepsychiatry service in a community women's hospital labor and delivery unit

METHODS

Anonymous electronic stakeholder survey sent to staff at remote L&D unit

11 questions querying attitude, comfort, knowledge

- This project was approved by the University of Pittsburgh Quality Improvement Review Committee

Figure 1. Deliveries Across Sites

UPMC Magee-Women's Hospital

• 10,000 deliveries per year

UPMC Hamot

• 2,000 deliveries per year

RESULTS

Table 1. Stakeholder Discipline

Stakeholder Discipline	N (%)
RN	25 (80.1)
CRNP or PA	6 (16.1)
Certified midwife	0 (0)
MD/DO/MBBS	1 (3.2)
Midwife	0 (0)
Social Work	0 (0)

Table 2. Stakeholder Experience

Number of Years in Practice Setting	N (%)
<5	13 (40.6)
5-10	3 (9.4)
10-20	10 (31.3)
20+	6 (18.8)

Figure 2. Comfort in Psychiatric Practices

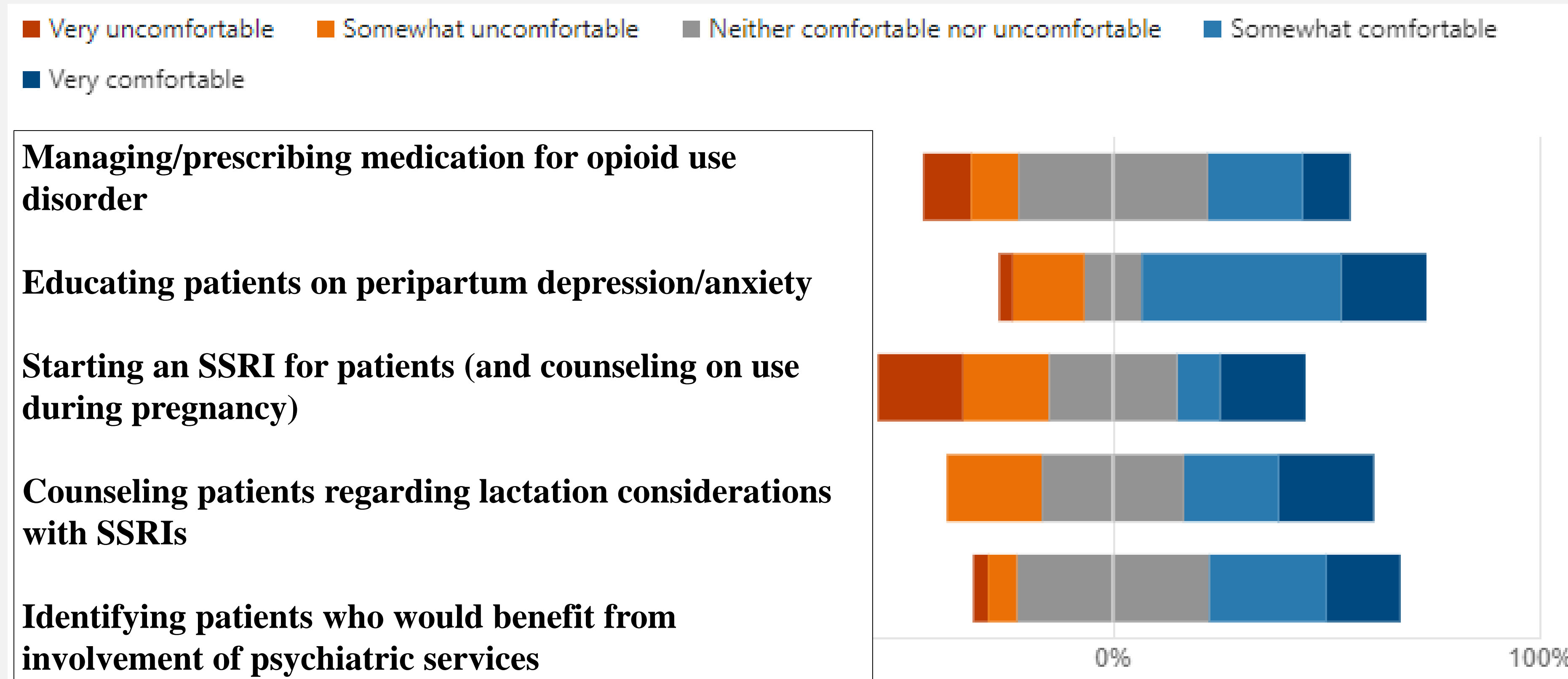
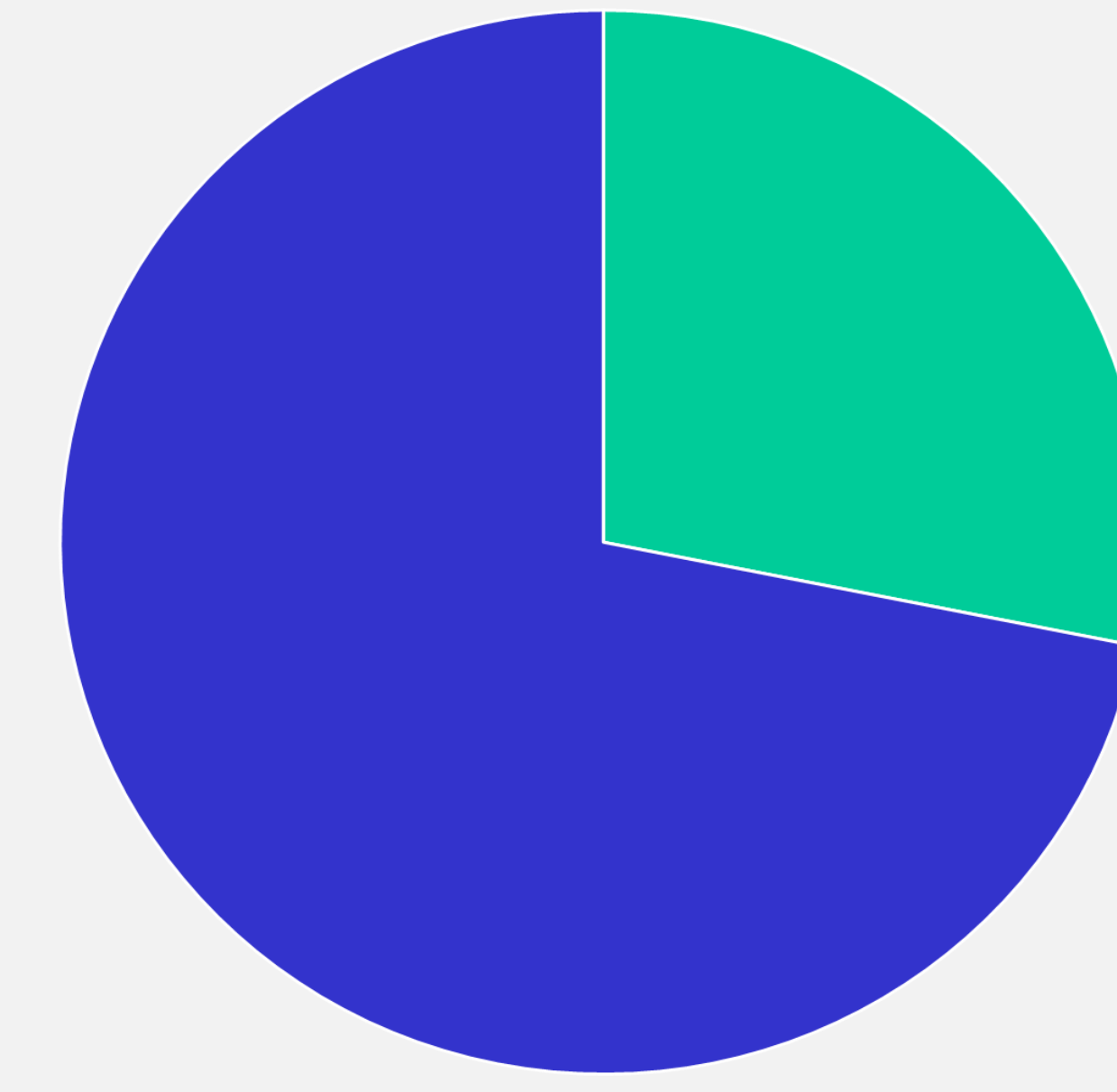
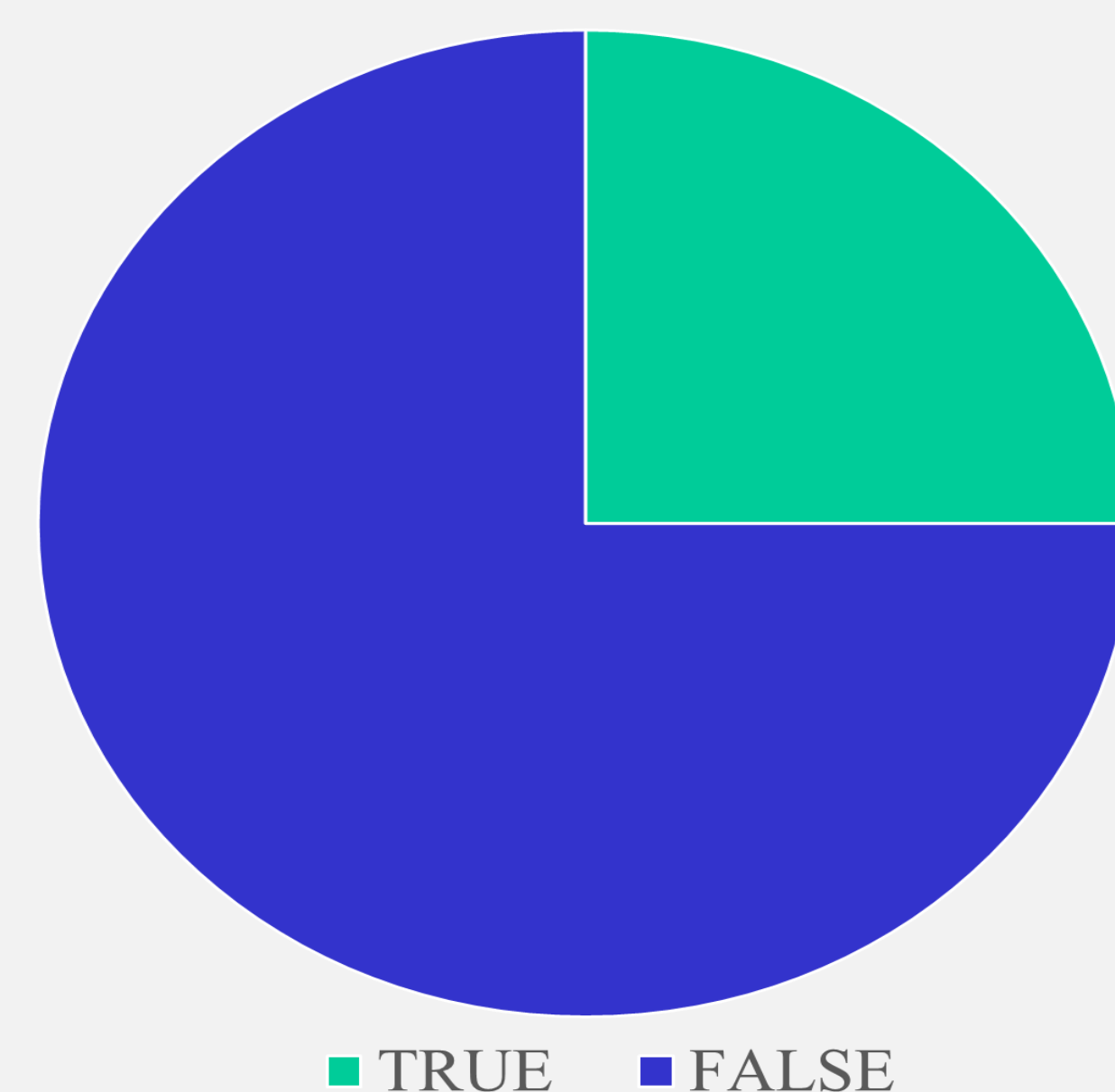


Figure 3. The patients I see have easy access to:
Inpatient Mental Health and Dual Diagnosis Services When They Come to Deliver
Outpatient mental health and Dual Diagnosis Services During the Pregnancy/Postpartum Period



RESULTS, CONT'D

Figure 4: Knowledge

14/32 (43.8%) responded correctly that drug/accidental overdose is leading cause of pregnancy associated death in state of PA

2/32 (6.4%) responded correctly that psychiatric conditions are the most common complication of delivery

DISCUSSION

Staff indicated that mental health and substance use conditions were relevant to their practice

- 90.3% felt patients on their unit would benefit from access to telepsychiatry services
- 93.5% would welcome access to telepsychiatry services

However they indicated low comfort and need for further education on perinatal psychiatric conditions

- Only 22.2% of those prescribing medications feel comfortable starting an SSRI for perinatal patients
- 25% of prescribers feel comfortable managing medication for opioid use disorder

CONCLUSION

• Telemedicine perinatal psychiatry consultation services at a high volume remote L&D unit are in need and would be welcomed

• Results from our stakeholder survey will drive development of an innovative program

REFERENCE

Gopalan P, Auster L, Brockman I, Shenai N. Consultation-Liaison Telepsychiatry on an Inpatient Obstetrical Labor and Delivery Unit. J Acad Consult Liaison Psychiatry. 2021 Nov-Dec;62(6):577-581. doi: 10.1016/j.jaclp.2021.04.001. Epub 2021 Apr 20. PMID: 33972195.