**BACKGROUND**

- Many transgender and gender diverse (TGD) adults report lack of access to clinically competent medical providers and clinicians note deficiencies in their training in providing affirming care for TGD patients.
- Project ECHO (Extension for Community Healthcare Outcomes) is an educational enrichment model that utilizes telementoring to enable specialists in complex treatment practices to support primary providers in underserved and rural areas.
- We instituted a longitudinal monthly series via Project ECHO. As new participants joined the program over the course of the year, they expressed concerns that they missed foundational information during previous sessions.
- The team subsequently created a four-session weekly “bootcamp” series to enhance knowledge of new participants.

**SPECIFIC AIMS**

- **#1:** To evaluate the effectiveness of the “bootcamp” model in increasing participant comfort with topics related to TGD healthcare.
- **#2:** To evaluate the impact of “bootcamp” participation on enrollment in the longitudinal ECHO series.

**METHODS**

- The monthly longitudinal series began in February 2020. The “bootcamp” took place over four consecutive weeks in February 2021. The sessions included topics in terminology, mental health and gender-affirming hormone therapy.
- Participants were recruited from the ongoing series as well as through targeted mailings and word of mouth.
- Results for Aim #1 were collected from self-reported pre- and post-“bootcamp” surveys that included demographic information, Likert scales, and free text responses.
- Results for Aim #2 were collected from ongoing series registration data pre- and post-bootcamp.
- Of the 90 participants in the study, 44 responded to the post survey.

**RESULTS OF SPECIFIC AIMS**

- **#1:** Participants reported a 13.8% increase (2.9 to 3.3 on a 4-point scale, p=0.007) in overall comfort in providing care to transgender patients and an 8.6% increase (3.5 to 3.8 on a 4-point scale, p=0.026) in comfort providing care for cisgender patients (Figure 3).
- **#2:** Of the 90 bootcamp participants registered for at least one session of the longitudinal program. This accounted for 11 new participants in the longitudinal series, which already had 122 registrants and 78 participants (Figure 4).

**SATISFACTION WITH SERIES**

**TOTAL = Agree + Strongly Agree**

- My understanding of the subject matter has improved: 91%
- The information was presented in ways I could clearly understand: 98%
- I have identified actions I will take to apply information I learned in my work: 98%
- I was satisfied with this series overall: 98%

**CONCLUSIONS**

- The ECHO model is an effective tool to educate providers from underserved and rural areas on care management for TGD patients.
- The novel use of a “bootcamp” also highlights a way to introduce and recruit new participants to an ongoing longitudinal ECHO curriculum.
- The results of this study suggest a “bootcamp” model could be effective for use in other longitudinal ECHO series, creating innovative learning opportunities and consultation options for providers in rural areas.