

BACKGROUND

- ✓ Intensive case management is effective in improving treatment engagement for individuals with substance use disorders (SUDs). Such models of care are uncommon in SUD treatment.
- ✓ Assertive Community Treatment (ACT), designed for patients with severe mental illness, enhances social functioning and reduces hospitalization rates.
- Limited research suggests that patients with SUDs can benefit from ACT, particularly those with high rates of hospitalization.

PROGRAM OVERVIEW

ACCESS TRANSFORMATIVE OUTREACH PROGRAM (ATOP) Created to serve patients with substance use disorders who are high utilizers of services

Follows an Assertive Community Treatment model

STRUCTURE/PHILOSOPHY

- Community-based
- ✓ Focus on harm reduction
- ✓ Frequent contact (up to 3x/week)
- Walk-in services M-F
- **Provide basic human needs**, assistance with transportation, financial support for milestones

CRITERIA

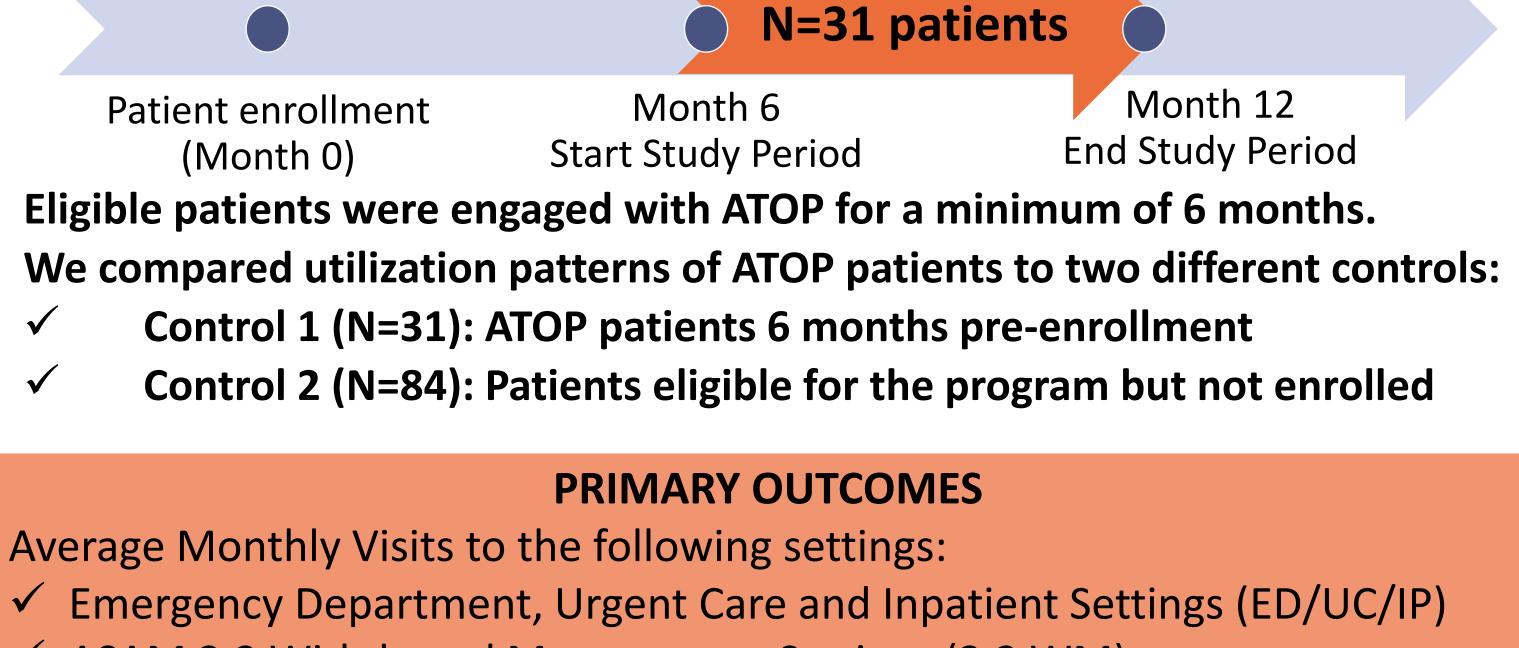
- ✓ 18+ visits/6 months to ED/UC/IP
- settings and/or 3.2 WM
- diagnosis
- Voluntary participation

TEAM COMPOSITION

- ✓ 1 Program Supervisor (LCSW, LAC)
- ✓ 4 Case Managers (CAS/MSW/LCSW)
- ✓ 1 Peer Support Specialist
- 1 Registered Nurse
- ✓ 1 Care Navigator
- ✓ 1 Psychiatrist (0.6 FTE)

METHODS

Study Question: Does ATOP increase patient engagement with outpatient services and decrease engagement with acute care and withdrawal management services?

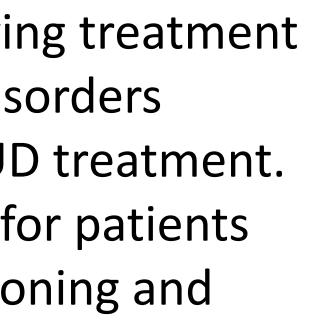


ASAM 3.2 Withdrawal Management Settings (3.2 WM)

SECONDARY OUTCOMES

✓ Jail bookings (Cumulative; Denver Sheriff's Office Data) Deaths (Cumulative; Colorado Department of Health Data)

New Program Changes Utilization Patterns for Patients with Substance Use Disorders Ashley Curry, MD,^{1,2} Allison Forrest, LCSW, LAC,¹ Sean Hansen, MS¹ ¹Denver Health, ²University of Colorado School of Medicine (Authors have no disclosures)

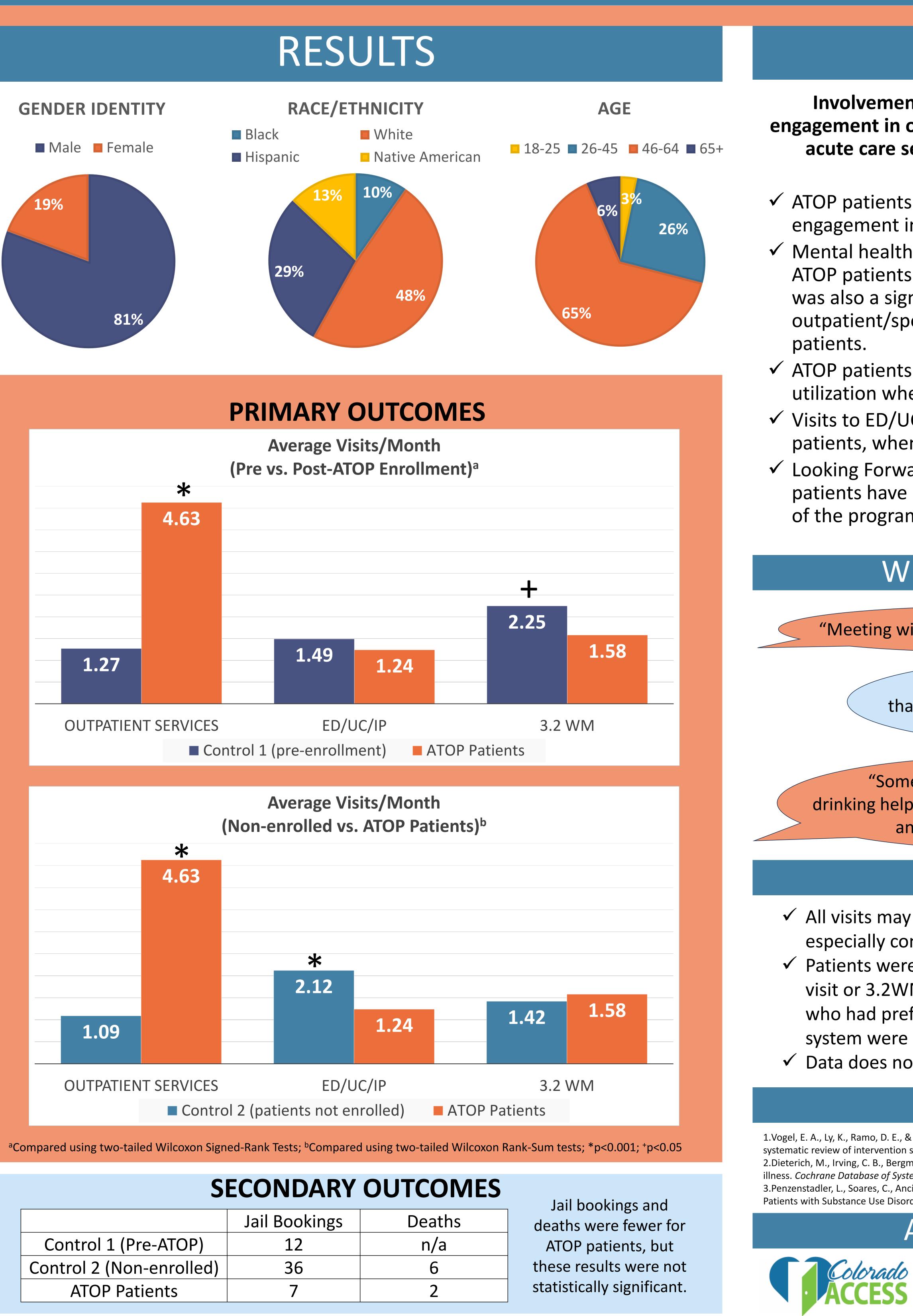


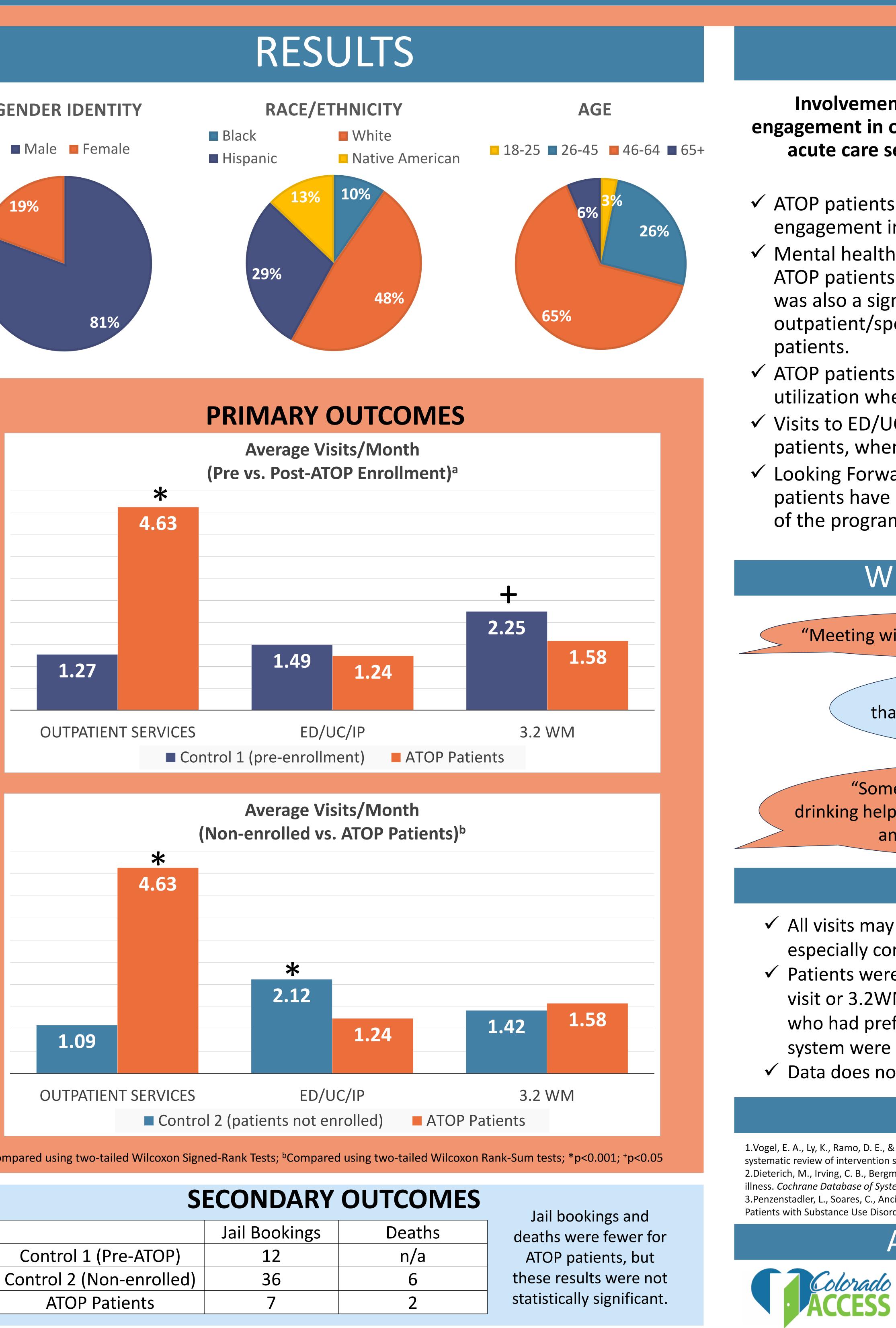
Primary substance use disorder

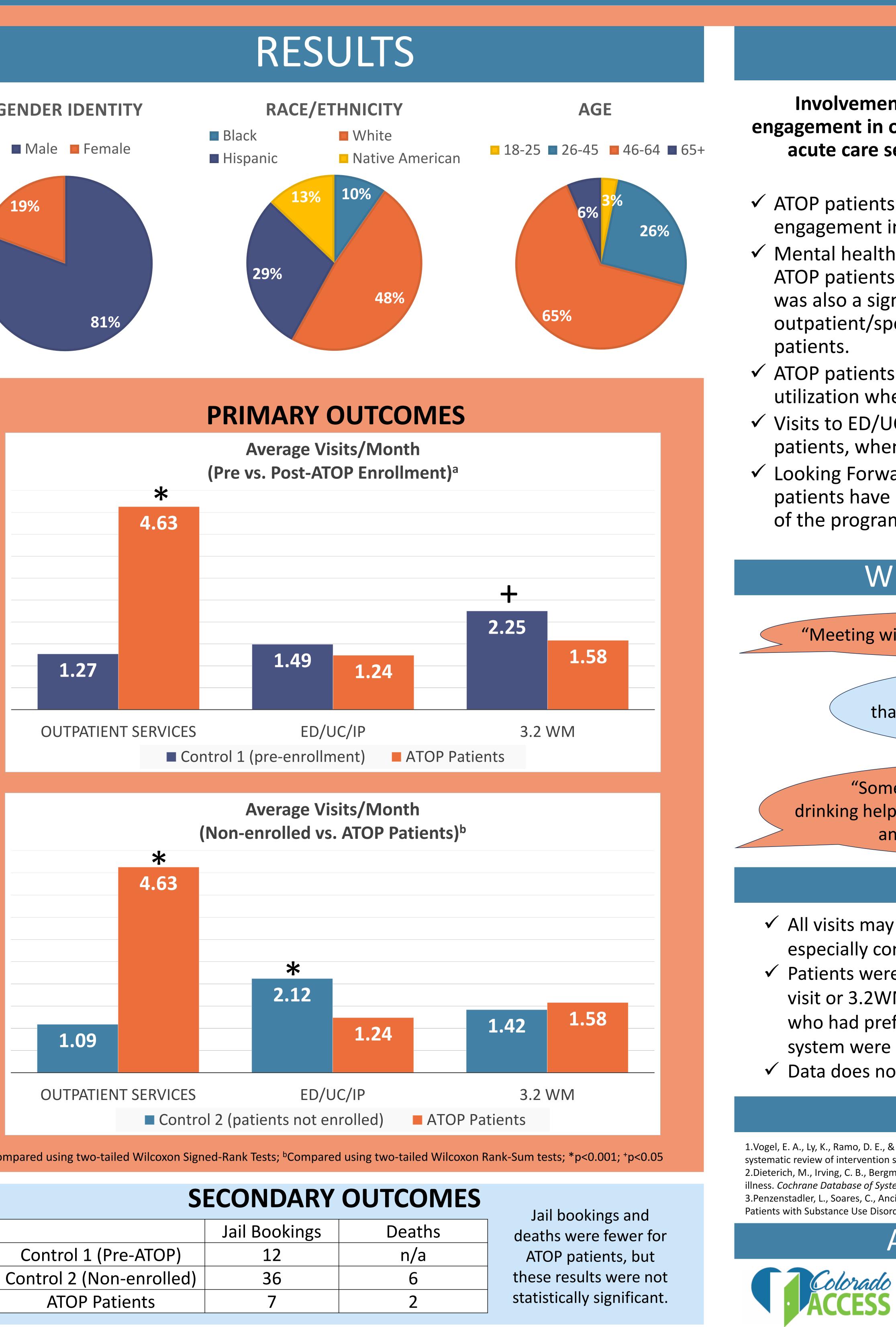
Began enrolling August 2022

Month 12 End Study Period

Utilization data from electronic medical record (includes other systems in the state with record sharing capability).







	Jail Bookings
-ATOP)	12
enrolled)	36
ents	7

1.Vogel, E. A., Ly, K., Ramo, D. E., & Satterfield, J. (2020). Strategies to improve treatment utilization for substance use disorders: A systematic review of intervention studies. *Drug Alcohol Dependence, 212*, 108065. [DOI: 10.1016/j.drugalcdep.2020.108065] 2.Dieterich, M., Irving, C. B., Bergman, H., Khokhar, M. A., Park, B., & Marshall, M. (2017). Intensive case management for severe mental illness. Cochrane Database of Systematic Reviews, 1, CD007906. 3.Penzenstadler, L., Soares, C., Anci, E., Molodynski, A., & Khazaal, Y. (2019, February 27). Effect of Assertive Community Treatment for Patients with Substance Use Disorder: A Systematic Review. *European Addiction Research*, 25(2), 56–67. [DOI: 10.1159/000496742]

CONCLUSIONS

Involvement with ATOP is associated with an increase in engagement in outpatient services and a decrease in utilization of acute care settings and withdrawal management settings.

ATOP patients demonstrated a significant increase in engagement in outpatient services.

✓ Mental health and substance use treatment engagement for ATOP patients was significantly higher than both controls. There was also a significant increase in engagement with other outpatient/specialty clinics when compared to non-enrolled

✓ ATOP patients demonstrated a significant decrease in 3.2WM utilization when compared to themselves prior to enrollment. ✓ Visits to ED/UC/IP settings significantly decreased for ATOP patients, when compared to non-enrolled patients.

✓ Looking Forward: We will continue to evaluate outcomes as patients have longer with ATOP and seek to examine the effect of the program on social determinants of health.

What Patients are Saying...

"Meeting with [ATOP] is like emotional oxygen."

"It's fantastic you are helping me in the way that you are... to have the reminder that I can reach out to, that makes a big difference."

"Sometimes you get left feeling forgotten, drinking helps to not feel that way but having you all call and check up on me is something."

LIMITATIONS

✓ All visits may not be recorded due to imperfect record sharing, especially considering protections for substance use-related care. ✓ Patients were almost always enrolled in ATOP during an ED/UC/IP visit or 3.2WM visit at Denver Health. Therefore, eligible patients who had preference or geographic proximity to another health system were less likely to be enrolled in this program. ✓ Data does not account for jail bookings outside of Denver County.

REFERENCES

ACKNOWLEDGEMENTS

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