INTRODUCTION

- Tobacco use is the number one preventable cause of disease, disability and death in the US1
- Three out of four patients entering treatment smoke2,3
- ADHD doubles smoking rate in youth4
- Smoking cessation improves outcomes among adult patients5
- Study aim: This is the first study to examine impact of smoking cessation on treatment response among youth with and without ADHD.

METHODS

- 195 youths (50% F, 30% black) aged 14-18
- Recruited in Northeast Ohio
- Assessed at intake, weekly for 8 weeks, at discharge
- Data sources: youth interviews, clinician reports, biomarkers, medical records

OUTCOMES

- 4 outcomes:
  - quitter status
  - treatment response (12-step participation including AA-related helping and meeting attendance, drug use, global functioning)
- Predictors: quitter status, ADHD
- Covariates: background, intake severity (clinical, addiction, nicotine)
- Fisher's exact test, Kruskal-Wallis
- Multivariate regressions predicting 4 outcomes

REFERENCES

3. Grant et al. (2004). Nicotine dependence and psychiatric disorders in the United States: Results from the National Epidemiologic Survey on Alcohol and Related Conditions. AGP, 61, 1107-1115.

DISCUSSION

- ADHD decreases likelihood of smoking cessation
- Smokers discharged with higher drug cravings but more focused during treatment unless impaired by ADHD
- Less focus from not smoking counteracted through service participation

AKNOWLEDGEMENTS

The authors thank New Directions staff and study participants.

Sources of Support: This research was supported in part by grants from the National Institute on Alcohol Abuse and Alcoholism (NIAAA, K01 AA015137) and the John Templeton Foundation (JTF) awarded to Dr. Pagano.

Disclaimer: The content is solely the responsibility of the authors and does not necessarily represent the official views of the NIAAA, the National Institutes of Health, or JTF. The NIAAA and the JTF had no further role in study design, data collection and analysis, writing of the report, or the decision to submit the paper for publication.

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