Accepted Manuscript

Title: Statistical considerations in the choice of endpoint for drug use disorder trials

Authors: Garrett M. Fitzmaurice, Stuart R. Lipsitz, Roger D.

Weiss

PII: S0376-8716(17)30524-0

DOI: https://doi.org/10.1016/j.drugalcdep.2017.09.031

Reference: DAD 6695

To appear in: Drug and Alcohol Dependence

Received date: 22-6-2017 Revised date: 26-9-2017 Accepted date: 28-9-2017

Please cite this article as: Fitzmaurice, Garrett M., Lipsitz, Stuart R., Weiss, Roger D., Statistical considerations in the choice of endpoint for drug use disorder trials. Drug and Alcohol Dependence https://doi.org/10.1016/j.drugalcdep.2017.09.031

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Statistical considerations in the choice of endpoint for drug use disorder trials

Garrett M. Fitzmaurice a,c, Stuart R. Lipsitz b,c, Roger D. Weissa,c

Correspondence:

Garrett M. Fitzmaurice

McLean Hospital, Laboratory for Psychiatric Biostatistics

115 Mill Street, Belmont, MA 02478

fitzmaur@hsph.harvard.edu

Highlights

- Abstinence is the gold standard in drug use disorder clinical trials
- However relatively few study participants ever achieve complete abstinence
- This has prompted clinical trialists to consider alternative endpoints
- We highlight the increase in statistical power with a measure of frequency of use
- Beyond statistical power, clinical meaningfulness of endpoints must be considered

^a McLean Hospital, 115 Mill Street, Belmont, MA 02478, USA

^b Brigham and Women's Hospital, 1620 Tremont Street, Boston, MA 02120, USA

^c Harvard Medical School, 25 Shattuck Street, Boston, MA 02115, USA

Download English Version:

https://daneshyari.com/en/article/7503462

Download Persian Version:

https://daneshyari.com/article/7503462

Daneshyari.com