Data Harmonization of HEAL Prevention Outcomes Studies

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HEAL Prevention Initiative

19 Administrative Supplements

Cooperative Agreement to Produce EBIs for Immediate Implementation

10 Research Projects

2 Pilot Studies

Coordinating Center
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NIH HEAL INITIATIVE
Preventing Opioid Use Disorder in Older Adolescents and Young Adults.
Coordinated Continuum

Methods Being Used to Harmonize Data

+ Goal: facilitate Integrative Data Analysis
+ Prospective standardizing of measures
+ Logical harmonization of items
+ Statistical harmonization: moderated non-linear factor analysis
“Anchor” Items: Involvement with Rx Opioids

ILO1. **Initiation**: During your life, how many times have you misused a prescription opioid without a doctor's prescription or differently than how a doctor or medical provider told you to use it? ^

*Response options: 0 times, 1-2 times, 3-9 times, 10-19 times, 20-39 times, 40-99, 100 or more

ILO2. **Initiation**: How old were you the first time that you misused a prescription opioid?

*Response options: 9 or younger, 10 years old, 11 years old, and so on.

ILO3. **Regular Use**: Have you ever misused a prescription opioid at least once a month for 3 months in a row?

*Response options: Yes, No

ILO4. **Regular Use**: How old were you the first time you misused a prescription opioid at least once a month for 3 months in a row?

*Response options: list ages, starting with 9 or younger, 10 years old, 11 years old, and so on.

ILO5. **Escalation**: During the past 30 days, how many days did you misuse a prescription opioid?

*Response options: 0-30 days (or # days of abstinence)

ILO6. **Problems**: During the past three months, have you ever missed school, work, or other obligations because of misusing a prescription opioid?  

*Response options: Yes, No

ILO7. **Problems**: During the past three months, have your relationships with friends, partners, or family ever been affected negatively because of misusing a prescription opioid?  

*Response options: Yes, No
Example IDA Opportunity

addictive liability \( iO = [ (Age_2 - Age_1) \times (1 - p_{\text{event}}) ] \)

Ridenour et al., 2003

Ridenour et al., 2006

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