

Adolescent Diagnostic Interview (ADI)

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ADI

- **Overview of the ADI**
 - **General characteristics**
 - **Content**
 - **Development**
 - **Properties**
- **Administration**
 - **Issues with structured interviews**
 - **“Tricky” items**
- **Scoring**
- **Training**
- **Follow-up and Parent versions**

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ADI

- **Part of a 3-tool assessment battery**
 - the other 2 are paper-and-pencil instruments
- **Developed as a structured diagnostic interview**

ADI

- **Length:** 45-60 minutes
- **Materials:** paper-and-pencil interview booklet, administration cards, manual
- **Scoring:** all sections hand-scored
- **Cost:** manual (with cards): \$53
interview booklets: ~ \$7- 8

ADI

- **Highly structured format; appropriate for a wide range of counselors in terms of training and experience.**
- **Scoring involves either recording directly the client's response or assigning ratings with the aid of scoring guidelines.**

Use of Structured Interviews

- **Structured interviews compared to unstructured.....**

Require less judgment

Require less training

Tend to be more reliable

Have less open questions.

ADI

- **Content:**
 - **Background Information**
 - **Psychosocial stressors (52 events)**
 - **Substance use history**
 - **DSM-IV criteria for substance use disorders**
 - **Level of functioning (9 domains including screens for mental/behavioral disorders)**
 - **Memory/orientation screen**

ADI

- **Background Information**
 - **Basic demographics**
 - **School, living arrangements**
 - **Sociodemographic factors**
 - **Parents occupation**
 - **Family history SA, MH**
 - **Prior SA and MH treatment**

ADI

- **Psychosocial Stressors**
 - **52 stressors within past 12 months**
 - **Drawn from research literature**
 - **Self image, interpersonal life, physical and mental health, tragic/embarrassing events**
 - **Each rated for...**
 - **Happiness, acuteness and stress severity**

ADI

- **Substance Use History**
 - **Drug use history assessed for all major drug categories and a polysubstance category...**
 - **Ever used**
 - **Since last used**
 - **Age of first use**
 - **How many times past year**
 - **How many times in lifetime**
 - **Used regularly for at least one month**

ADI

- **DSM-IV Substance Use Disorders**
 - Abuse and dependence symptoms for any drug that has been used 5 or more times
 - Typically 3-4 items per diagnostic criterion
 - Separate sections for alcohol and cannabis; additional drug use section allows all other drugs to be assessed for abuse/dependence

ADI

- **Level of Functioning**

- peer relations
- opposite sex relations
- school social functioning
- academic functioning
- leisure functioning
- home behavior
- home environment
- legal status
- psychiatric screens (affective disorders, psychotic symptoms, anxiety disorders, eating disorder, ADHD, and conduct problems)
- miscellaneous

ADI

- **Memory & orientation**
 - **General orientation questions**
 - **Short term memory**

Design of the ADI

**DSM & structured interview
review**

**item pool & scoring
review by work group
refine items & scoring**

**pilot testing ($N = 20$)
field testing ($N = 250$)**

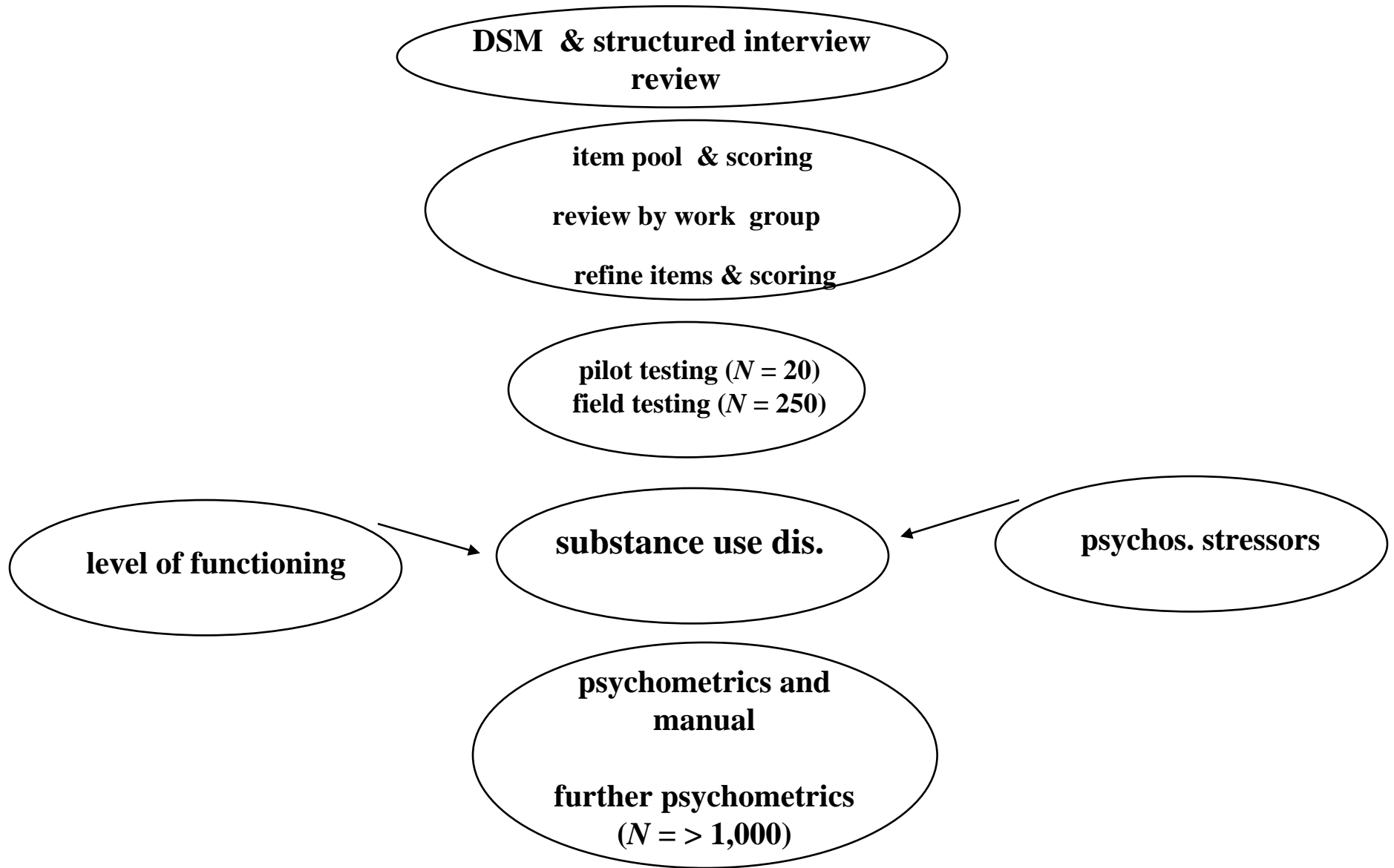
level of functioning

substance use dis.

psychos. stressors

**psychometrics and
manual**

**further psychometrics
($N = > 1,000$)**



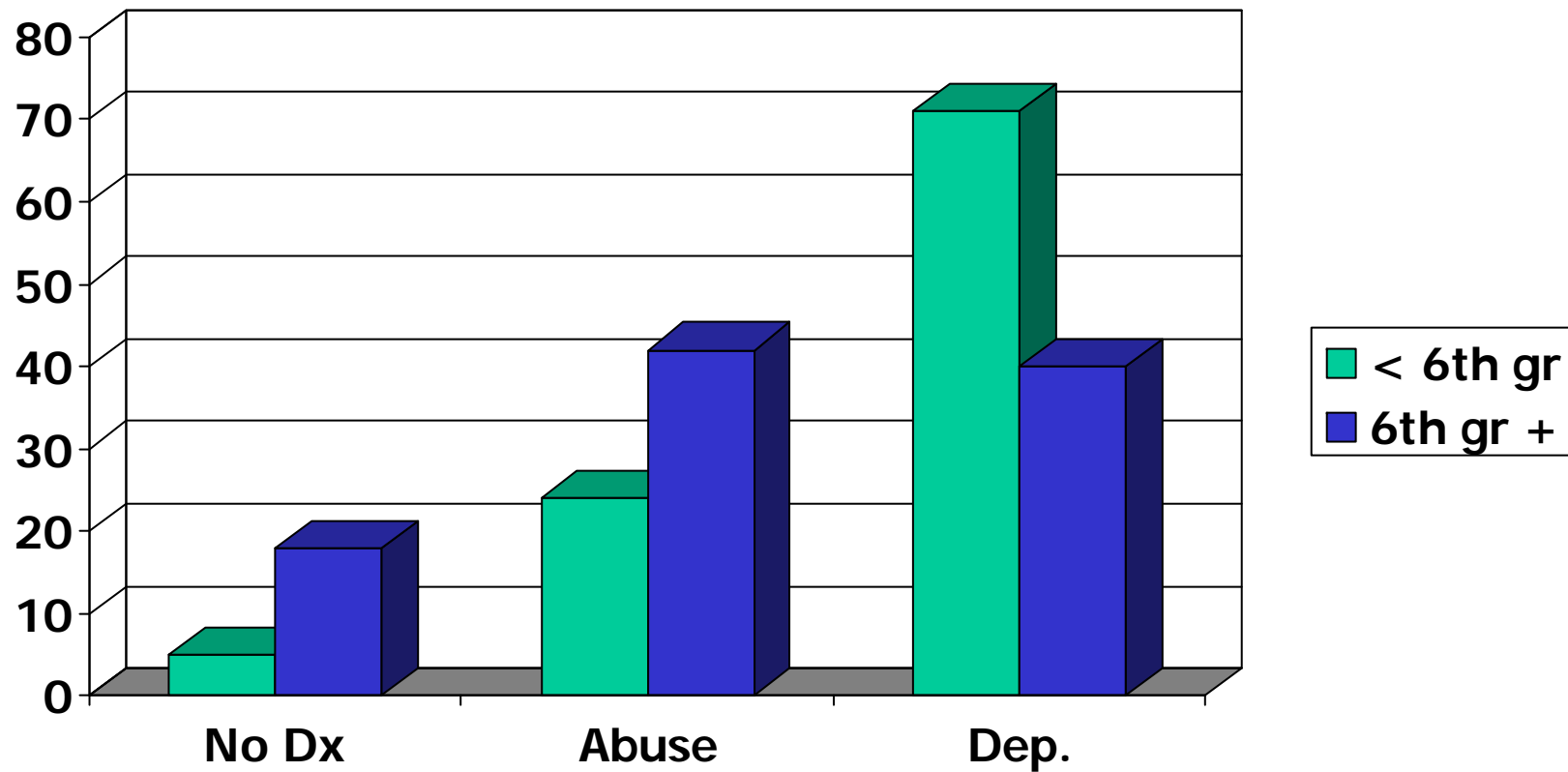
Summary of ADI Psychometric Findings

- **Kappas (test-retest and interrater agreement) for the majority of substance use disorders are favorable (between .70 and .90).**
- **DSM-IV substance use symptoms and diagnostic classifications are related to alternate measures (drug use history, other self-reported measures, clinical data) and to criterion diagnostic ratings.**
- **Validity evidence supports the abuse vs. dependence distinction.**

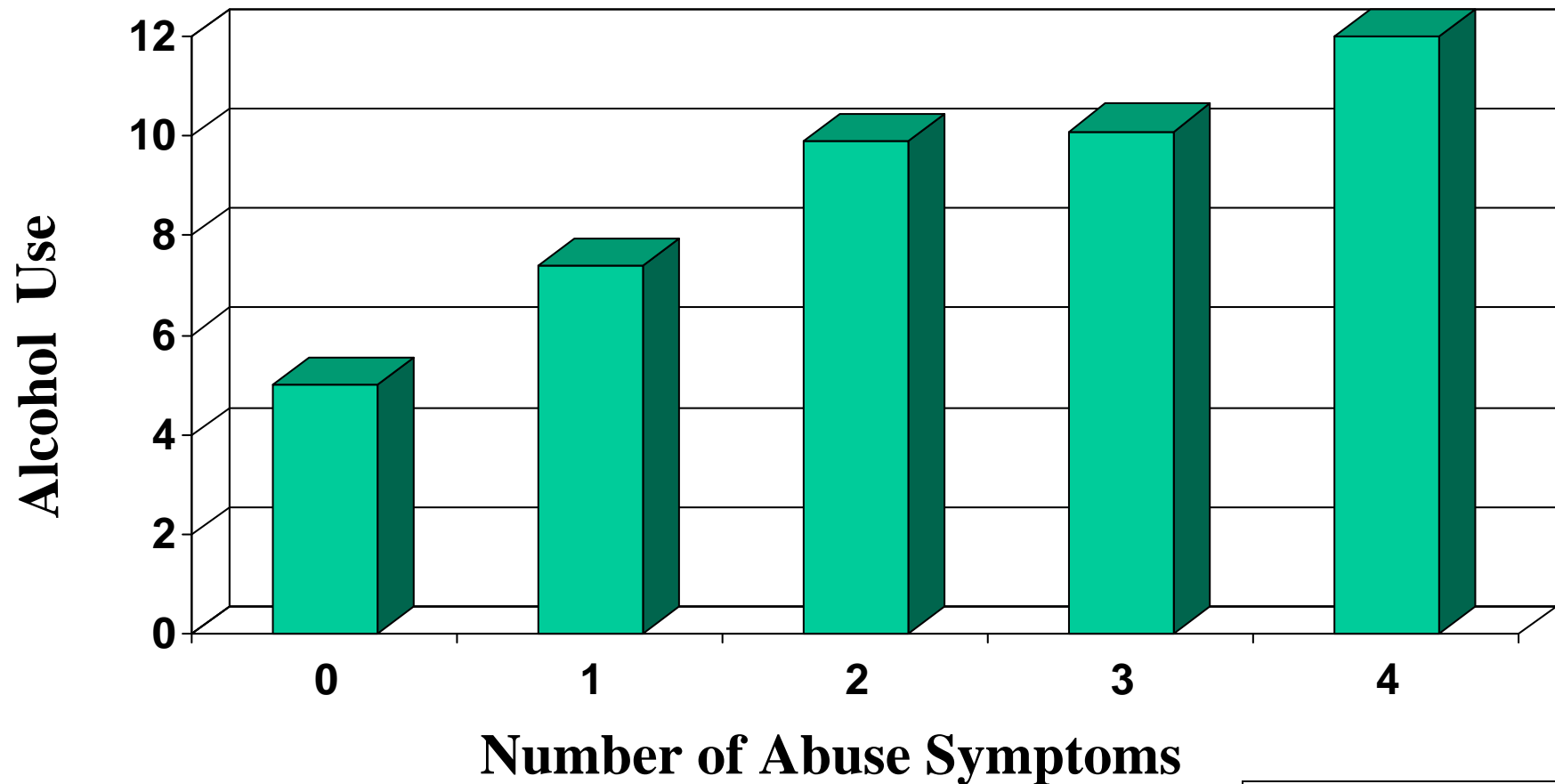
Drug Use Onset

As a Function of Diagnosis

15-17-year-old drug clinic sample (N = 368)



Concurrent Validity by Number of Alcohol Abuse Symptoms



$0 < 1$ ($p < .07$)

$1 < 2,3,4$ ($p < .01$)

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ADI Administration

- **Respondent Characteristics**
- **Settings**
- **Interviewer Characteristics and Qualifications**
- **Materials Needed**
- **Questioning the Respondent**
- **Client Elaboration**
- **Administration Guidelines**
- **Use of the ADI with a Polysubstance User**

ADI Scoring Tips

- **Scoring the interview items involves.....**
 - recording directly the client's responses
 - completing score sheets in the interview booklet for “summary” scores
 - **psychosocial stressors**
 - overall stress rating
 - **substance use disorders**
 - abuse or dependence
 - **level of functioning**
 - total LOF and psychiatric status score
 - **memory and orientation**
 - excellent to poor

ADI Scoring Tips

- **Some dx criteria require that the behavior has to occur “often” or “frequently”.**
 - **The interview booklet provides the necessary follow-up question: “How many times?”**
 - **5+ times is required for “often” rule to be met.**

ADI Scoring Tips

- **Some responses may not easily fit a YES-NO format. Record reasons when a rating is not clear-cut.**
- **Use your clinical judgement when faced with the possibility that you need to ask for more detail.**

Tricky/Noteworthy Items

C3: “....drank to the point of becoming high or drunk.”

C3, C17, C27: “...used regularly for at least a month.”

D-F: “has your use caused” ... various problems.

D-F: Tolerance measured by comparing same unit of use when first started using and when currently using.

F-1/F-2: Administer for up to 2 other drugs other than alcohol and cannabis.

Tricky/Noteworthy Items

Gb: Beware of “false positives”; adolescence exuberance is not mania

G10b: Allows interviewer to probe for additional issues, problems and special circumstances

G: What is not covered:

sexual orientation

low base-rate adolescent mental disorders (e.g., developmental disorders)

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ADI Training

- **Formal training from the authors is not required.**
- **A careful reading of the manual and practice can be sufficient for most users.**
- **Advisable to have experienced users supervise less experienced users.**

ADI Training- single-day

- **Overview of adolescent drug abuse assessment issues**
 - developmental considerations
 - definitions of abuse and dependence
 - problems with the DSM-IV criteria as they apply to youth
- **Validity of self-report**
 - context and interviewer effects
 - strategies for improving self-report

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- **Practice administrations and scoring**

ADI Training- also offered...

- **Telephone supervision/consultation with the author**
- **Booster training**
- **Training the Trainer**

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ADI

Follow-Up Version

- **Research tool; available from us**
- **Generally organized around the ADI**
- **Covers up to prior 5-years time frame**
- **Includes more details about treatment experiences**

ADI

Parent Version

- **Research tool; available from us**
- **Similar to the client follow-up interview**
 - **More focus on parent behavior**
- **Covers up to prior 5-years time frame**

Thank You