dishes, and full meals in both middle and high schools where menu choices are more expensive. This can also facilitate research in precommitment and social pressure by allowing students to retract their initial decision, once they are in the lunch line, surrounded by their peers.

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Convergent Validity of Parent-Reported Attention-Deficit/Hyperactivity Disorder Diagnosis: A Cross-Study Comparison

Getahun et al recently published a study titled “Recent Trends in Childhood Attention-Deficit/Hyperactivity Disorder” in which they used medical records and well-defined criteria to generate the prevalence of diagnosed attention-deficit/hyperactivity disorder (ADHD) in a large southern California administrative sample. Their study contributes important geographically based estimates of ADHD and draws conclusions about increasing ADHD prevalence within southern California. However, the authors cited our previous research to support a commonly held assertion that parent and teacher reports of ADHD “overestimate true prevalence.”

To date, parent-reported ADHD diagnosis on national health surveys has not been directly validated against a clinical standard and thus needs further study before conclusions related to validity can be made. However, studies like that by Getahun and colleagues may inform the evidence base for the validity of using survey data for monitoring ADHD over time. Our research estimated that the parent-reported prevalence of ADHD for children aged 4 to 17 years in California was 6.2% (in 2007), which may appear high compared with the estimate by Getahun and colleagues of 4.9% among children aged 5 to 11 years in California (in 2001-2010). Herein, we replicate our previous analyses of parent-reported ADHD with a sample more comparable to the study population analyzed by Getahun and colleagues.

Methods | To allow for descriptive comparison, we revisited our previous analyses of data from the 2007 National Survey of Children’s Health (NSCH), further restricting the sample (72,123 children aged 4-17 years) to one more closely reflecting that used by Getahun and colleagues: specifically, children in California aged 5 to 11 years who were covered by health insurance (n = 590). The NSCH has 2 ADHD diagnostic indicators: one for having ever been told by a health care provider that a child had ADHD and the other for having current ADHD. The ADHD case definition by Getahun and colleagues was more reflective of a period prevalence rate than a point prevalence rate, suggesting that the “ever” diagnostic indicator was more appropriate for cross-study comparison. Prevalence estimates of the national, state-based, and age- and insurance-restricted NSCH survey estimates and 95% CIs of parent-reported ADHD were calculated using SUDAAN version 10.0.1 statistical software (RTI International) to account for the complex sampling design.

Results | Based on NSCH data, nationally, 9.5% (95% CI, 9.0%-10.0%) of children aged 4 to 17 years had ever received a parent-reported ADHD diagnosis (Figure). This estimate was only slightly lower than, but statistically indistinguishable from, that of children with health insurance (9.8%; 95% CI, 9.2%-10.3%). Restricting the data to insured children aged 5 to 11 years, the national prevalence of children with a history of ADHD diagnosis decreased by 14.3%, to 8.4% (95% CI, 7.7%-9.1%). Further subsetting the age- and insurance-restricted analysis to children in California reduced the prevalence by 44.3% of the national rate, to 4.7% (95% CI, 2.5%-8.4%) of insured California children aged 5 to 11 years with a history of ADHD.

Discussion | On initial inspection, the ADHD rate reported by Getahun and colleagues (4.9%) appears lower than previous national (9.5%) and California-based (6.2%) estimates of parent-reported ADHD. However, the analyses presented here confirm previous reports of the sensitivity of these estimates to insurance status, geography, and age. When considering these factors, the estimated prevalence of parent-reported ADHD in California closely approximates the rate of documented ADHD diagnosis in medical records of a southern California population.
What Is Meant by "Increased Risk for Suicide"?

To the Editor As clinicians and researchers focused on youth suicide, we read with interest the report by Horowitz et al1 on the Ask Suicide-Screening Questions (ASQ). This study examined the psychometric development of a brief suicide screening in the pediatric emergency department. Despite the promising findings, we would like to offer a word of caution to others further pursuing this line of work.

Horowitz and colleagues used the Suicidal Ideation Questionnaire (SIQ)2 as a criterion standard. One important limitation not addressed is the direct overlap of items between the ASQ and SIQ. Of the 4 final items on the ASQ, 3 items are almost verbatim from the SIQ. When the SIQ serves as a means of comparison, it is no wonder that the items that most highly correlated with the SIQ were the items that were most similar. The final item of the ASQ, targeting the presence or absence of a previous suicide attempt, is the new and unique feature of the measure. Thus, it should be considered that Horowitz et al successfully developed an abbreviated version of the SIQ for use in the pediatric emergency department that further assesses suicide attempt history. This remains an important accomplishment, as Horowitz et al correctly noted that the development of a brief suicide screening in this clinical area is a significant contribution.

The more complex issue relates to the conclusions of Horowitz and colleagues. They suggest that the ASQ can identify patients at risk for suicide. This is problematic, because the SIQ, the measure serving as the criterion standard, is a screening instrument developed with the intent of measuring the severity of suicidal ideation.2 It has been examined in psychiatric inpatients and youth in schools, correlated with constructs such as depression and hopelessness, and used to differentiate suicide attempters from nonattempters.3 However, prospective research finding the SIQ predictive of suicidal behaviors or death is lacking.

Both the SIQ, and now the ASQ, are valuable additions to a clinician’s armamentarium of screening instruments for youth harboring suicidal thoughts. But, these instruments merely alert the clinician to the need for further evaluation of suicide risk. Suicidal ideation has some degree of predictive value regarding the potential for suicide attempt, but the relationship between suicidal ideation and near-term death by suicide is far less conclusive. This is an important distinction to make both in clinical practice and future research.


COMMENT & RESPONSE

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