

A Multi-center Methodological Study to Assess Parental Mental Disorders for the NCS

Lead Center: UMass Medical School - *Collaborators:* Yale, CHOP/UPenn, University of Mississippi, Michigan Alliance for the NCS, University of Wisconsin, South Dakota State University, UC - Irvine, and Harvard Medical School.

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Introduction:

Parental mental disorders are powerful risk factors for children's mental disorders, making it critical to obtain accurate estimates of parental mental disorders in NCS baseline assessments. These disorders are usually assessed and diagnosed using lengthy, complicated clinical instruments. This study will validate a briefer mental health screening scale against the gold-standard Structured Clinical Interview for DSM-IV (SCID). In addition, operational data provide the basis for estimates of cost and feasibility.

Methods:

Sample: Up to 1200 English-speaking women, aged 18-49, planning to conceive or already pregnant, recruited at six collaborating study centers.

Instruments: A brief 25-minute telephone interview to administer REDCap-based screening scales. Probability sub-samples of respondents will be selected for a clinical reappraisal using the SCID.

Diagnostic Assessment: Major depression, bipolar disorders, generalized anxiety, panic, post-traumatic stress, and substance abuse will be assessed. Controlling for respondent race-ethnicity, educational attainment, and location, kappa, AUC and regression methods will be used to evaluate concordance between diagnoses from screening scales and the clinical interviews at the aggregate and individual levels.

Feasibility indicators: Operational and cost data, and activity burden will be used to inform approaches for main study implementation.