

Screening Tools Help Guide:

Pediatric Symptom Checklist

Background:

The Pediatric Symptom Checklist is a psychosocial screen designed to facilitate the recognition of cognitive, emotional, and behavioral problems so that appropriate interventions can be initiated as early as possible. Included here are two versions, the parent-completed version (PSC) and the youth self-report (Y-PSC). The Y-PSC can be administered to adolescents ages 11 and up.

Scoring:

The PSC consists of 35 items that are rated as “Never,” “Sometimes,” or “Often” present and scored 0, 1, and 2, respectively. The total score is calculated by adding together the score for each of the 35 items. For children and adolescents ages 6 through 16, a cutoff score of 28 or higher indicates psychological impairment. For children ages 4 and 5, the PSC cutoff score is 24 or higher (Little et al., 1994; Pagano et al., 1996). The cutoff score for the Y-PSC is 30 or higher. Items that are left blank are simply ignored (i.e., score equals 0). If four or more items are left blank, the questionnaire is considered invalid. A positive score on the PSC or Y-PSC suggests the need for further evaluation by a qualified health (e.g., M.D., R.N.) or mental health (e.g., Ph.D., L.I.C.S.W.) professional. Both false positives and false negatives occur, and only an experienced health professional should interpret a positive PSC or Y-PSC score as anything other than a suggestion that further evaluation may be helpful. Data from past studies using the PSC and Y-PSC indicate that two out of three children and adolescents who screen positive on the PSC or Y-PSC will be correctly identified as having moderate to serious impairment in psychosocial functioning. The one child or adolescent “incorrectly” identified usually has at least mild impairment, although a small

percentage of children and adolescents turn out to have very little or no impairment (e.g., an adequately functioning child or adolescent of an overly anxious parent). Data on PSC and Y-PSC negative screens indicate 95 percent accuracy, which, although statistically adequate, still means that 1 out of 20 children and adolescents rated as functioning adequately may actually be impaired. The inevitability of both false-positive and false-negative screens underscores the importance of experienced clinical judgment in interpreting PSC scores. Therefore, it is especially important for parents or other laypeople who administer the form to consult with a licensed professional if their child receives a PSC or Y-PSC positive score.

References:

Jellinek MS, Murphy JM, Little M, et al. 1999. Use of the Pediatric Symptom Checklist (PSC) to screen for psychosocial problems in pediatric primary care: A national feasibility study. *Archives of Pediatric and Adolescent Medicine* 153(3):254–260.

Jellinek MS, Murphy JM, Robinson J, et al. 1988. Pediatric Symptom Checklist: Screening school-age children for psychosocial dysfunction. *Journal of Pediatrics* 112(2):201–209. Web site: <http://psc.partners.org>.

Little M, Murphy JM, Jellinek MS, et al. 1994. Screening 4- and 5-year-old children for psychosocial dysfunction: A preliminary study with the Pediatric Symptom Checklist. *Journal of Developmental and Behavioral Pediatrics* 15:191–197.

Pagano M, Murphy JM, Pedersen M, et al. 1996. Screening for psychosocial problems in 4–5 year olds during routine EPSDT examinations: Validity and reliability in a Mexican-American sample. *Clinical Pediatrics* 35(3):139–146.