

# TEAM UP Universal Screening Memo

March 2020

## I. Context

Enhanced universal screening is a core component of the TEAM UP model with the explicit goal of ensuring that all children receiving care in participating health centers are screened early and often for social, developmental, and behavioral issues. In addition, the TEAM UP universal screening approach includes screening for parental concerns during early childhood, and screening for social determinants of health to assess family need and promote family wellbeing through linkages to services and community resources. Through enhanced universal screening, TEAM UP aims to promote positive child health and well-being, as well as family-centered, community-connected care.

**Overall goal:** All TEAM UP health centers will utilize the same screening instruments and record results in a retrievable format within the electronic medical record (EMR).

**Goal of memo:** Outline the screening instruments identified for use within TEAM UP, as well as guidance on the implementation of each screener and reporting of screening data as part of the TEAM UP evaluation.

## II. Survey of Well-Being of Young Children (SWYC)

TEAM UP utilizes the Survey of Well-Being of Young Children (SWYC; version 1.08) for universal screening of developmental milestones, behavioral/emotional development, and family risk factors such as food insecurity, domestic violence, and parental depression (Edinburgh Postnatal Depression Scale (EPDS) for 2, 4, and 6 month visits and Patient Health Questionnaire (PHQ-2) for all other month visits).

The SWYC is administered at each well-child visit for a child between the ages of 30 days and 4.99 years. There is a SWYC form for every age on the pediatric periodicity schedule. Health centers are asked to utilize the SWYC for all children presenting for well-child visits from 30 days through the 4 year visit.

- 2 Month Form (1 month, 0 days to 3 months, 31 days)
- 4 Month Form (4 months, 0 days to 5 months, 31 days)
- 6 Month Form (6 months, 0 days to 8 months, 31 days)
- 9 Month Form (9 months, 0 days to 11 months, 31 days)
- 12 Month Form (12 months, 0 days to 14 months, 31 days)
- 15 Month Form (15 months, 0 days to 17 months, 31 days)
- 18 Month Form (18 months, 0 days to 22 months, 31 days)
- 24 Month Form (23 months, 0 days to 28 months, 31 days)
- 30 Month Form (29 months, 0 days to 34 months, 31 days)
- 36 Month Form (35 months, 0 days to 46 months, 31 days)
- 48 Month Form (47 months, 0 days to 58 months, 31 days)

Scoring for the SWYC will adhere to the SWYC User's Manual which is linked in Section VI. The SWYC is recorded at the item level in the EMR to reflect the caregiver's responses and reported monthly as part of the data extraction process for the TEAM UP evaluation.

The primary care provider interprets the SWYC, determines whether the result is a true positive/negative or false positive/negative, and describes their interpretation within their visit documentation.

TEAM UP has received further guidance from the Massachusetts Department of Mental Health on what to code as a positive (U1) or negative (U2) result (December 15, 2016):

- Referencing language that the SWYC team uses in the SWYC Implementation Flowchart found within the SYWC User's Manual,
  - Use the U1 Positive code for:
    - A positive result based on the PCP's review and interpretation of the parent's responses. This would include instances where the parent's responses reflected a concern (true positive) as well as instances where the parent's responses reflected no concern, however the PCP identified a concern during their review/interpretation (false negative).
  - Use the U2 Negative code for:
    - A negative result based on the PCP's review and interpretation of the parent's responses. This would include instances where the parent's responses reflected no concern (true negative) as well as instances where the parent's responses reflected a concern, however the PCP's interpretation indicated no actual concern (false positive).
    - A screening that is negative on all domains pertaining to the child, but is positive only on the 'Family Concerns' domain.
- Confirmation of this approach and language was received from Emily Sherwood, Deputy Commissioner, Children, Youth and Family Services, Department of Mental Health.

### **III. Pediatric Symptom Checklist (PSC)**

TEAM UP utilizes the Pediatric Symptom Checklist (PSC) to screen for emotional or behavioral concerns at each well-child visit for children and adolescents between the ages of 5.00 and 18.99 years. Of note, the PSC can come as the PSC-17 (17 items) or the PSC-35 (35 items), and each health center can determine which version to utilize. Please ensure the Evaluation Team knows which version you choose to utilize for interpretation of the EMR data/understanding of what questions are being asked.

In addition, the PSC comes in two forms - the regular PSC, and the PSC-Y, which is completed by the child (usually adolescents). The PSC and PSC-Y contain the same items, though the order is different. TEAM UP has secured agreement from the PSC developers to re-order the questions in the PSC-Y to adhere to the order of the questions in the PSC at each health center's discretion. The PSC should be utilized for all children and adolescents presenting for well-child visits starting with the 5 year visit through the 18 year visit. Generally, children presenting for the 5 year visit through the 12 year visit (~5.00-12.99 years) should be given a PSC (i.e., parent should complete the PSC) and children presenting for the 13 year visit through the 18 year visit (~ages 13.00-18.99 years) should be given a PSC-Y (i.e., child completes the PSC). Some health centers may choose to start to use the PSC-Y at 12 years old, which is also acceptable.

The PSC is recorded at the item level in the EMR to reflect the patient's/caregiver's responses and reported monthly as part of the data extraction process for the TEAM UP evaluation. All PSC screeners can be divided into an internalizing score, externalizing score, attention score, and a total score.

TEAM UP utilizes the PSC as both a screening instrument, and to follow symptomatology of children with BH issues over time. Symptom tracking is performed by behavioral health clinicians, who administer the PSC during BH visits. More information can be found on the PSC website which is linked in Section VIII.

### **IV. Patient Health Questionnaire (PHQ-9)**

The Patient Health Questionnaire (PHQ-9) is a 10 item tool to assess self-reported depressive symptoms in youth and adults. The PHQ-9 is administered reflexively to children ages 12.00 to 18.99 years of age, who have a score of 5 or

higher on the PSC’s internalizing subscale during a well-child visit (indicating that the child has a high risk for anxiety and/or depression).

The PHQ-9 is recorded at the item level in the EMR to reflect the patient’s responses and reported monthly as part of the data extraction process for the TEAM UP evaluation. The first 9 items are summed into a total score. The last item asks how difficult the child’s problems have made it for them to do their work, take care of things at home, or get along with other people. More information can be found on the PHQ website which is linked in Section VIII.

## **V. Material Needs/Social Determinants of Health Screening**

At the start of TEAM UP, each health center chooses a screening instrument to assess social determinants of health for families during well-child visits. Sites select the screening instrument that they feel best fits their population. This measure should be administered at every well-child visit. The screening results are recorded at the item level in the EMR to reflect the caregiver’s responses and reported monthly as part of the data extraction process for the TEAM UP evaluation. Please ensure the Evaluation Team has a copy of the screening instrument you choose to utilize for interpretation of the EMR data/understanding of what questions are being asked.

## **VI. Supporting Documents**

TEAM UP Transformation Model

SWYC Implementation Memo

SWYC User’s Manual

Evaluation Manual

## **VII. References**

SWYC Website - <https://pediatrics.tuftsmedicalcenter.org/The-Survey-of-Wellbeing-of-Young-Children/Overview>

PSC Website - <https://www.massgeneral.org/psychiatry/treatments-and-services/pediatric-symptom-checklist>

PHQ Website - <https://www.phqscreeners.com/>