

## Scoring the CTM-3

**Overall Quality of Care Transition Score:** This score reflects the overall quality of the care transition, with lower scores indicating a poorer quality transition, and higher scores indicating a better transition.

### Creating a 0-100 score with 3 items:

1. Calculate the sum of responses across the 3 items. (Responses are scored Strongly Disagree =1; Disagree =2; Agree =3; Strongly Agree =4.)  
*1a. assign code (e.g., 9) to missing responses, and a different code (e.g., 99) to Don't Know/Don't Remember/Not Applicable. These will not be counted as answered questions for Step 3a, as the 9 and 99 codes are not included in the 4 point Likert scale and therefore will not contribute to the CTM score. You can, however, get a count of 99's in order to calculate a percentage of these responses relative to questions answered (step 3a.)*
2. Count the number of questions answered.
3. Calculate the mean response (sum divided by count)
4. Use linear transformation to convert to 0-100 score.

#### Step 1: SPSS Syntax

```
COMPUTE CTM3Sum = q1 + q2 + q3 .  
EXECUTE .
```

#### Step 2: SPSS Syntax

```
COUNT  
CTM3Ct = q1 q2 q3 (1 thru 4) .  
EXECUTE .
```

#### Step 3: SPSS Syntax

```
COMPUTE CTM3mean = CTM3Sum / CTM3Ct .  
EXECUTE .
```

#### Step 4: SPSS Syntax

```
COMPUTE CTM3_0_100 = (((mnctm)-(1))/(3))*100 .  
EXECUTE .
```