

**Measure of Intermittent and
Constant Osteoarthritis Pain:
ICOAP**

User's Guide

User's Guide for the

Background and Measurement Properties

This 11-item tool is designed to assess pain in individuals with hip or knee osteoarthritis taking

Item 7

0 = never/I don't have <constant pain/pain that comes and goes>

1 = rarely

2 = sometimes

3 = often

4 = very often

Constant pain subscale:

To calculate the constant pain subscale, sum the scores for items 1 through 5. If subject did not report constant pain, assign a score of 0. This score can be transformed to a score out of 100 using the following formula:

$$(\text{Total pain score} / 20) \times 100$$

Intermittent pain subscale:

To calculate the intermittent pain subscale, sum the scores for items 6 through 11. If subject did

Predictability of Pain

The unpredictable nature of pain is important to consider when assessing OA pain as people with OA have told us it is an extremely bothersome feature of their symptoms. The predictability of intermittent pain can be assessed by the use of two new supplementary questions (Items 12 and 13 below) administered at the end of the intermittent pain section. *Please note: Further evaluation of the performance of these two items is ongoing. Responses to these two items are NOT included in the current scoring algorithm for intermittent pain.*

12. How often does your knee pain that comes and goes come on without warning?

0	1	2	3	4
Never	Rarely	Sometimes	Often	Very often

13. How often does your knee pain that comes and goes