

Study ID: _____

**BRIEF
MICHIGAN HAND OUTCOMES QUESTIONNAIRE**
(brief MHQ)

Today's date: _____
Month Day Year

Instructions: This survey asks you for your views about your hands and your health. This information will help keep track of how you feel and how well you are able to do your usual activities.

Answer ***EVERY*** question by marking the answer as indicated.

If you are unsure about how to answer a question, please give it the best answer you can. **Please answer every question, even if you do not experience problems with the hand or wrist.** Some questions may ask you about your ability to complete certain tasks. If you do not do a certain task, please estimate the difficulty with which you would have in performing it. Questions pertaining to work include occupational work, housework, and school work. Please circle one answer for each question.

1.	Overall, how well did your hand(s) work during the past week?	Very good 1	Good 2	Fair 3	Poor 4	Very Poor 5
2.	How was the sensation (feeling) in your hand(s) during the past week?	Very good 1	Good 2	Fair 3	Poor 4	Very Poor 5
3.	How difficult was it for you to hold a frying pan during the last week?	Not at all difficult 1	A little difficult 2	Somewhat difficult 3	Moderately difficult 4	Very difficult 5
4.	How difficult was it for you to button a shirt or blouse during the past week?	Not at all difficult 1	A little difficult 2	Somewhat difficult 3	Moderately difficult 4	Very difficult 5
5.	In the past 4 weeks, how often were you unable to do your work because of problems with your hand(s)/wrist(s)?	Always 1	Often 2	Sometimes 3	Rarely 4	Never 5

6.	In the past 4 weeks, how often did you take longer to do tasks in your work because of problems with your hand(s)/wrist(s)?	Always 1	Often 2	Sometimes 3	Rarely 4	Never 5
7.	How often did the pain in your hand(s)/wrist(s) interfere with your daily activities (such as eating or bathing) in the past week?	Always 1	Often 2	Sometimes 3	Rarely 4	Never 5
8.	Describe the pain in your hand(s)/wrist(s) in the past week?	Very mild 1	Mild 2	Moderate 3	Severe 4	Very severe 5
9.	I am satisfied with the look of my hand(s).	Strongly agree 1	Agree 2	Neither agree nor disagree 3	Disagree 4	Strongly disagree 5
10.	In the past week, the appearance of my hand(s) interferes with my normal daily activities.	Strongly agree 1	Agree 2	Neither agree nor disagree 3	Disagree 4	Strongly disagree 5
11.	In the past week, how satisfied are you with the motion of your fingers?	Very satisfied 1	Somewhat satisfied 2	Neither satisfied nor dissatisfied 3	Dissatisfied 4	Very dissatisfied 5
12.	In the past week, how satisfied are you with the motion of your wrist?	Very satisfied 1	Somewhat satisfied 2	Neither satisfied nor dissatisfied 3	Dissatisfied 4	Very dissatisfied 5

Please provide the following information about yourself. (Please circle one answer for each question)

1. Are you right or left handed?
 - a. Right-handed
 - b. Left-handed
 - c. Both

2. What is your ethnic background?
 - a. Hispanic or Latino/a
 - b. Not Hispanic or Latino/a

3. What is your racial background?
 - a. American Indian or Alaskan Native
 - b. Asian
 - c. Native Hawaiian or other Pacific Islander
 - d. Black or African-American
 - e. White
 - f. Other (Please specify). _____

4. a. Please describe the type of job you had **before** you injured your hand(s).

- b. Please describe the type of job you are doing now.

5. How long after surgery did you return to work? _____

6. How long after surgery did you return to the same job you were doing before your injury? _____

7. What is your gender?
 - a. Male
 - b. Female

8. What is the highest level of education you received?
 - a. Less than high school graduate
 - b. High school graduate or GED
 - c. Vocational/technical school
 - d. Some college or Associate degree
 - e. College graduate
 - f. Professional or graduate school

9. What is your approximate family income including wages, disability payment, retirement income and welfare?
- a. Less than \$10,000
 - b. \$10,000 – \$19,999
 - c. \$20,000 - \$29,999
 - d. \$30,000 - \$39,999
 - e. \$40,000 - \$49,999
 - f. \$50,000 - \$59,999
 - g. \$60,000 - \$69,999
 - h. More than \$70,000

Thank you very much for completing this questionnaire.

Please provide any additional comments regarding this survey:

How easy did you find this survey to be to complete?

Were any items confusing to you?

Were there items that were not asked of you that you feel are important?

Other comments?

HOW THE BRIEF MHQ IS SCORED

Overview

The brief version of the MHQ contains 12 items with responses on a 1 through 5 Likert scale regarding several aspects of hand function. Eight of the items are reversed and recoded, as indicated below. All of the items are totaled and then normalized to yield a summary score on a scale of 0-100. Higher scores indicate better overall functioning and satisfaction. Respondents must answer every question in order to calculate the brief MHQ summary score. The brief MHQ does not distinguish between hands.

Reverse Coding

Higher scores indicate better functioning. Therefore, the following items must be reversed before totaling to create the summary score:

1. Overall, how well did your hand(s) work during the past week?
2. How was the sensation (feeling) in your hand(s) during the past week?
3. How difficult was it for you to hold a frying pan during the last week?
4. How difficult was it for you to button a shirt or blouse during the past week?
8. Describe the pain in your hand(s)/wrist(s) in the past week?
9. I am satisfied with the look of my hand(s).
11. In the past week, how satisfied are you with the motion of your fingers?
12. In the past week, how satisfied are you with the motion of your wrist?

For these items, the responses must be reversed in the following way:

1=5, 2=4, 4=2, 5=1

Scoring

Raw score range:

Minimum score (poorest functioning) = 1

Maximum score (ideal functioning) = 5

After averaging the items, the raw score is then normalized to generate a score that is scaled from 0 (poorest function) to 100 (ideal function).

Normalization = $100 \times (\text{brief MHQ raw score} - 1) / 4$