



MOST 152-/160--Month Follow-up

Dataset Description

March 2023

Table of Contents

FORMATS.....	2
DATASET	2
SPECIAL MISSING VALUES.....	2
DATASET DESCRIPTION AND ANALYST NOTES.....	2

The MOST 152-/8-month and 160-/16-month Interim Telephone Interview (8-/16-month for New Cohort Baseline and 152-/160-month for Original Cohort) (will be referred to as 152-/160-month throughout this document); data release includes all collected records.

FORMATS

The SAS format library (FORMATS.SAS7BCAT) contains formats used for all of the datasets.

DATASET

152-/160-Month Interim Telephone Interview Dataset ([V8ENROLL.SAS7BDAT](#))

Observations: 5474 (1 record per participant per contact; 1 or 2 records per ID)
Annotated Forms: V8AnnotatedForms.pdf
Variable Guide: VariableGuide_V8ENROLL.pdf
Distributions: Distributions_V8ENROLL.pdf
Cohort: Original and New Cohort

The Interim Telephone Interview was completed at 152-months (N=2760 records) and again at 160-months (N=2714 records) in participants who had a 144-month clinic visit. Completion of the interview at one of these timepoints was required for inclusion in the V8ENROLL dataset (N=5474).

Variables are sorted in the order of data collection (“creation order”) – as if following the participant from the first to the last question. The questions in the Interim Telephone Interview were not required and occasionally some are missing.

Refer to the annotated forms for the temporal context of each variable. Data for some measurement questions was collected for the time period “since the last visit” while for others the time period was fixed (e.g., past 12 months, past 30 days, past 7 days).

SPECIAL MISSING VALUES

SAS datasets allow for stratification of missing values to indicate various reasons for missing data. For example, when data is not expected because responses are keyed to a skip pattern, the value is .Q (Not required). The value .P (Not expected) used when the whole section or instrument was skipped. The value .M (Missing) used when questions was skipped (no answer given).

DATASET DESCRIPTION AND ANALYST NOTES

The interview includes the following components:

- Knee Symptoms
- Knee Symptoms (Modified WOMAC Osteoarthritis Index™)¹
- Physical Difficulty (Modified WOMAC Osteoarthritis Index™)¹
- Joint Pain, Aching, and Stiffness (whole body, hands, feet, back)²
- Right Knee Pain – Intermittent and Constant Osteoarthritis Pain (ICOAP)³
- Left Knee Pain – Intermittent and Constant Osteoarthritis Pain (ICOAP)³
- Knee Buckling
- Injuries, Fractures, and Falls
- Knee Injury and Surgery
- Hip Surgery
- Hospitalizations and General health rating

1. WOMAC Osteoarthritis Index™ Likert version. This measurement was modified to include a “don’t do” option for participants who cannot rate severity of pain during a particular

activity because they avoid or are unable to do that activity. We observed unusual high number of missings (skipped one or more questions) when this standard instrument was administered via phone contact (as opposed to clinic interview at 144-Months). The WOMAC™ instrument is not displayed in the annotated forms because it is trademark and copyright protected. Information can be obtained by contacting the author, Nicholas Bellamy, via the WOMAC™ 3.1 Index website (<http://www.auscan.org/womac>).

For analytical information, see:

- Bellamy N, Buchanan WW, Goldsmith CH, Campbell J, Stitt LW. [Validation study of WOMAC: a health status instrument for measuring clinically important patient relevant outcomes to antirheumatic drug therapy in patients with osteoarthritis of the hip or knee.](#) J Rheumatol. 1988 Dec;15(12):1833-40. PMID: 3068365.

2. Joint pain data has 3 calculated variables for different widespread pain definitions (V8_WSPA; V8_WSPB; V8_WSPC).

IMPORTANT: At 152- and 160-months, the joint pain questions were administered via Telephone with response options as Right, Left, Both or None. In order to make a longitudinal comparison, indicator variables for each joint location have been calculated. Knee joint questions were not included in the joint pain set of questions. Indicator variable for the knee have been derived from the knee symptom Questions #1 and #2 in the interview (See annotated forms for details).

Calculated Variable	Collected variable	Label
V8HIPR	Q6a. V8HIP30	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Right Hip?
V8HIPL		Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Left Hip?
V8ANKLR	Q6b. V8ANKL30	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Right Ankle?
V8ANKLL		Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Left Ankle?
V8FOOTR	Q6c. V8FEET30	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Right Foot?
V8FOOTL		Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Left Foot?
V8SHDRR	Q6d. V8SHDR30	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Right Shoulder?
V8SHDRL		Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Left Shoulder?
V8ELBR	Q6e. V8ELB30	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Right Elbow?
V8ELBL		Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Left Elbow?
V8WRSTR	Q6f. V8WRST30	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Right Wrist?
V8WRSTL		Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Left Wrist?
V8HANDR	Q6g. V8HAND30	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Right Hand?
V8HANDL		Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Left Hand?

V8KNR	Q1. V8PN30R Q1a. V8KPN30R	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Right Knee?
V8KNL	Q2. V8PN30L Q2a. V8KPN30L	Calc: During the past 30 days, have you had pain, aching or stiffness on most days in your Left Knee?

3. For analytical information about the Intermittent and Constant Osteoarthritis Pain (ICOAP), see [OARSI-OMERACT Initiative: A New OA Pain Measure](#) (OARSI Publications). Also see:
 - Hawker GA, Davis AM, French MR, Cibere J, Jordan JM, March L, Suarez-Almazor M, Katz JN, Dieppe P. [Development and preliminary psychometric testing of a new OA pain measure – an OARSI/OMERACT initiative](#). Osteoarthritis Cartilage. 2008 Apr;16(4):409-14. PMID: 18381179.