

# OAI Questionnaire Measures

## Osteoarthritis Initiative: A Knee Health Study

Questionnaire Measures and Frequency														
Questionnaire/ Interview Measures	Initial Eligibility	Screen- ing Visit	Enroll- ment Visit	Follow-up Visit										
				12- mo	18- mo <sup>1</sup>	24 - mo	30- mo <sup>1</sup>	36- mo	48- mo	60- mo	72- mo	84- mo	96- mo	108- mo <sup>5</sup>
<b>Contact information</b>	X		X	X		X		X	X	X	X	X	X	X
<b>Demographics</b> (such as age, gender, ethnicity, education, marital status, residency, income)	X		X					X			X		X	
<b>Employment, current and past</b>			X	X		X		X	X		X		X	
<b>Health care and health insurance</b>			X	X		X		X	X		X		X	
<b>Social Security number</b>													X	
<b>Zip code</b>													X	
<b>MRI contraindications</b>	X	X	X	X	X	X	X	X	X		X		X	
<b>Knee Symptoms</b>														
- Frequency of knee symptoms & medication use for knee symptoms, past 12 mos, 30 days	X	X		X		X		X	X	X	X	X	X <sup>3</sup>	X
- Knee pain 0-10 rating scale, past 7 days		X		X	X	X	X	X	X	X	X	X		X
- Knee pain 0-10 rating scale, past 30 days			X	X	X	X	X	X	X	X	X	X	X <sup>3</sup>	X
- WOMAC knee pain, past 7 days			X	X	X	X	X	X	X	X	X	X	X <sup>3</sup>	X
- WOMAC knee stiffness, past 7 days			X	X	X	X	X	X	X	X	X	X	X	X
- KOOS knee pain and symptoms, past 7 days			X	X	X	X	X	X	X	X	X	X	X	X
<b>Knee-related function and QOL</b>														
- WOMAC physical function, past 7 days			X	X	X	X	X	X	X	X	X	X	X	X
- KOOS sport, recreation, past 7 days			X	X	X	X	X	X	X	X	X	X	X	X
- KOOS Quality of life, past 7 days			X	X	X	X	X	X	X	X	X	X	X <sup>3</sup>	X
- Participant global assessment of knee impact			X	X	X	X	X	X	X	X	X	X	X <sup>3</sup>	X
- Limitation of activity due to knee Sx, past 30 days		X		X		X		X	X	X	X	X	X	X
- Knee pain and QOL, constant and intermittent, past 7 days (OARSI/OMERACT)									X	X	X	X	X	

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<b>Other Joint Symptoms</b>														
- Hip symptoms, past 12 months		X		X		X		X	X		X		X	
- Hip pain and QOL, constant and intermittent, past 7 days (OARSI/OMERACT)											X		X	
- Frequency of symptoms in other joints (shoulder, elbow, wrist, hand/finger, ankle, foot/toe), past 30 days		X		X		X		X	X		X		X	
- Back pain and function, past 30 days		X		X		X		X	X		X		X	
- TMJ Pain, past 6 months						X			X				X	
- History of inflammatory arthritis/other arthritis	X	X		X		X		X	X		X		X	
- History of total hip replacement	X			X		X		X	X	X	X	X	X <sup>3</sup>	X
<b>General Health/ Functional Status</b>														
- SF12			X	X		X		X	X		X		X <sup>3</sup>	X <sup>4</sup>
- Comorbidity Index	X		X								X		X	
- CES-D (depressive symptoms)			X	X		X		X	X	X	X	X	X	
- Anxiety, pain-related fear, coping, and catastrophizing					X			X	X	X	X	X	X	
<b>Development of disability and current levels of disability</b>														
- Late Life Disability Instrument (LLDI)									X		X		X	
- ADLs and IADLs									X		X		X	
- Work disability due to health problems			X	X		X		X	X		X		X	

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<b>Medication</b>														
- Prescription medication inventory, past 30 days			X	X	X	X	X	X	X		X		X	
- Current medications/supplements for joint symptoms			X	X	X	X	X	X	X	X	X	X	X	X
- Knee injections for arthritis			X	X	X	X	X	X	X	X	X	X	X	X
- Past use of selected medications			X	X	X	X	X	X	X	X	X	X	X	X
- CAM treatments for joint Sx, past 12 months			X										X	
<b>Health Behaviors and OA Risk Factors</b>														
- History of knee injury	X	X		X	X	X		X	X	X	X	X	X	X
- History of TKR	X	X		X		X		X	X	X	X	X	X <sup>3</sup>	X
- History of other knee surgery	X	X		X		X		X	X	X	X	X	X <sup>3</sup>	X
- Family history of total knee and hip replacement	X	X											X	
- Assessment of willingness of “eligible” participants to undergo knee replacement surgery or other similar procedures					X			X			X		X	
- Fracture history			X	X		X		X	X		X		X	
- Height and weight history			X											
- Tobacco and alcohol use			X						X				X	
- Physical activity (PASE), past 7 days			X	X		X		X	X		X		X	
- Frequent knee bending activities, past 30 days	X		X	X		X		X	X		X			
- Lifetime physical activity questionnaire													X	
- Dietary nutrient intake (Block Brief 2000), past 12 months <sup>2</sup>			X											

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- Female history – menopausal, pregnancy status	X	X		X	X	X	X	X	X		X		X	
<b>Reliability assessment (2 questions)</b> Interviewer's assessment of reliability of participant's responses											X	X	X <sup>3</sup>	X
<b>Adjudication</b>														
- Confirmation of deaths				X	X	X	X	X	X	X	X	X	X	X
- Verification of TJRs (knee and hip)				X	X	X	X	X	X	X	X	X	X	X

<sup>1</sup> This visit obtained in a subset of progression cohort participants at either the 18-month or 30-month follow-up visit

<sup>2</sup> The majority of the Reference (Non-exposed) controls had a streamlined visit which did not include the following questionnaire measures: Dietary nutrient intake (Block Brief 2000).

<sup>3</sup> 96-month follow-up. Interview includes only the global health assessment question from SF-12.

<sup>4</sup> 108-month includes only the global health assessment question from SF-12.

<sup>5</sup> 108-month planned event; mail contact, no clinic visit or imaging.