

# SWAN Data Collection Schedule

## Data Collection

	SWAN I & II			SWAN III <sup>1</sup>					SWAN IV			SWAN V	
Demographics:	SC	BL	FU1 – FU6	FU7	FU8	FU9	FU10	FU11	FU12	FU13	FU14	FU15	FU16 <sup>10</sup>
Age/Birth Date	X	X											
Ethnicity	X												
Education	X												
Marital Status	X	X	1-6	X	X	X	X		X	X		X	
Ability to Pay for Basics	X		6	X	X	X	X		X	X		X	X
Employment/Occupation	X	X	1-6	X	X	X	X		X	X		X	
Income		X	1-6	X	X	X	X		X	X		X	X
SES Assessment			6										
Status Ladders			6										
Household Composition			1-6	X	X	X			X	X			
Length of Residence									X	X			
Neighborhood safety												X	X
<b>Life Style:</b>													
Alcohol Consumption (SAA)			1-4,6	X	X	X	X		X	X		X	X
Smoking Status	X	X	1-6	X	X	X	X	X	X	X		X	X
<b>Passive Smoke Exposure:</b> Home		X	1-3	X	X	X	X		X	X		X	
Work/Other		X	3	X	X	X							
<b>Physical Activity:</b>													
Partial Baecke (6-9 items)			1,2,4										
Full Baecke		X	3,5,6			X			X	X		X	X
Diet (FFQ)		X	5			X							
<b>Psychosocial:</b>													
Symptoms (Psychological)	X	X	1-6	X	X	X	X		X	X		X	X
Depressive Symptomology (CESD)		X	1-6	X	X	X	X	X	X	X		X	X
SCID									X				
Patient Health Questionnaire (PHQ-8)										X		X	
Generalized Anxiety Disorder (GAD7)									X	X		X	X
<b>Sleep:</b> PSQ (Base questions)	X	X	1-6	X	X	X	X	X	X	X		X	
PSQ (Extended questions)			3,4						X			X	
24 Hour Sleep Actigraphy												X	
Sleep Diary												X	
Sleep Apnea (Berlin)										X			
Sleep Apnea (STOPBANG)												X	X
Sleep apnea treatment												X	
Sleep duration												X	X
Work for pay/shift work												X	X
Sleep Satisfaction												X	X

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Psychosocial: (continued)	SWAN I & II		SWAN III <sup>1</sup>					SWAN IV			SWAN V		
	SC	BL	FU1 – FU6	FU7	FU8	FU9	FU10	FU11	FU12	FU13	FU14	FU15	FU16 <sup>10</sup>
Quality of Life	X		1-6	X	X	X	X	X	X	X	X	X	X
Positive and Negative Affect (PANAS)			6	X	X	X	X			X	X	X	
Optimism			1										
Trait Anxiety			1,4	X									
Trait Anger			4	X									
Cynicism		X											
Anger Expression			4										
Hopelessness				X					X	X			
Symptom Sensitivity			1-3			X							
Perceived Stress	X		1-6	X	X	X	X		X	X		X	X
Life Events		X	1-6	X	X	X	X		X	X		X	
Discrimination		X	1-3	X				X					
Life Satisfaction (SWLS) (Diener)										X		X	
Psychological Well-Being (Ryff) (Purpose in Life & Personal Growth)												X	
Overall Life Satisfaction (HRS)(1 item)										X			
Neighborhood Environment			4										
Multiple Roles			1-6		X		X						
Social Support	X		1-6		X		X		X	X		X	
Social Network	X		1-6		X				X	X		X	
Attitudes Towards Aging			1			X							
Attitudes Towards Menopause	X		4			X							
Expectations About Menopause	X		4			X							
Religious/spiritual practices		X					X						
Religiosity/ Spirituality			4										
Acculturation (TV, read, speak etc)		X											
Heritage			1										
Terrorism (Sept. 11, 2001)			6										
Life Engagement (LET) Life Purpose									X				
Violence Questions: Childhood Abuse									X				
Violence Questions: Partner Abuse										X		X	
Childhood Trauma Questionnaire												X	
Conner Davidson Resilience Scale (CD-RISC)												X	X

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Physical Measures:	SC	BL	FU1 – FU6	FU7	FU8	FU9	FU10	FU11	FU12	FU13	FU14	FU15	FU16 <sup>10</sup>
Bone Mineral Density (DEXA)		X	1-6	X	X	X	X	X	X	X		X	X
Vertebral Morphometry (VERT)					X	X <sup>2</sup>							
Height, Weight, BP, Waist & Hip Girth, Neck Circumference		X	1-6	X	X	X	X	X	X	X	X <sup>3</sup>	X	X
Bioimpedance (BIMP)			6	X	X	X	X		X	X		X	X
Carotid IMT									X			X	
Pulse Wave Velocity (PWV)									X <sup>4</sup>	X <sup>4</sup>		PGH	
Arterial Stiffness Measure (Dyna Pulse)				X									
Monthly Bleed & Symptom Calendar		X	1-6	X	X	X	X <sup>5</sup>						
Knee X-rays										X			
<b>Short Physical Performance Battery:</b>													
Sit to Stand										X		X	X <sup>6</sup>
Balance Testing										X		X	X <sup>6</sup>
4 Meter Timed Gait Walk										X		X	X <sup>6</sup>
Walking Speed- 40 foot walk									X	X		X	X <sup>6</sup>
Muscle strength (grip strength)									X	X		X	X <sup>6</sup>
Chair Stand (sit to rise)									X	X		X	X <sup>6</sup>
Stair Climb												X	X <sup>6</sup>
<b>Self-reported Physical Functioning:</b>													
Physical/Role Functioning (SF36 PF):													
Selected Subscales	X	X	1-5					X					
Full Instrument			6		X		X		X	X		X	X
WOMAC										X			
WHODAS										X			
Knee replacement									X	X		X	
Hip replacement									X	X		X	
Neuropathy- Monofilament												X	
Michigan Neuropathy Screening Instrument												X	

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Health and Functioning	SC	BL	FU1 – FU6	FU7	FU8	FU9	FU10	FU11	FU12	FU13	FU14	FU15	FU16 <sup>10</sup>
Self-assessed Health Status	X	X	1-6	X	X	X	X	X	X	X	X	X	
Health Care Utilization/Availability		X	1-6	X	X	X	X						
Gynecologic/Menstrual Events/Bleeding	X	X	1-6	X	X	X	X	X	X	X	X	X	
Medical History/Events	X	X	1-6	X	X	X	X	X	X	X	X	X	
Prior pregnancies		X											
Medications and Supplements		X	1-6	X	X	X	X	X	X	X		X	X <sup>7</sup>
Hormone and OC use	X	X	1-6	X	X	X	X	X	X	X	X	X	
CAM Alternative Therapy Use, 5 items		X	1-6				X			X			
CAM Alternative Therapy Use, 21 items			6	X	X	X	X		X	X			
Incident Hysterectomy		X	1-6	X	X	X	X	X	X	X			
Family Medical History			2,6	X <sup>8</sup>	X <sup>8</sup>	X <sup>8</sup>							
In Utero Exposure to DES			1										
Hearing												X	X
Vision												X	X
FRAX Questions												X	X
Cancer metastasis												X	
Vasomotor Symptoms	X	X	1-6	X	X	X	X	X	X	X	X	X	
Vaginal Symptoms	X	X	1-6	X	X	X	X	X	X	X	X	X	
<b>Vaginal Health:</b>													
Microbiome & Epithelial markers/ maturation index/pH (3 swabs)												X	
ICIQ Vaginal Symptoms												X	
Screening Questionnaire for Vulvodynia/Other Pain Syndromes												X	
<b>Urinary Incontinence:</b>													
Base questions		X	1-6	X	X	X	X	X	X	X	X	X	
Extended questions				X	X	X			X	X		X	
<b>Sexual Functioning: (Core)</b>	X	X	1-6		X		X		X	X		X	
MOS Sexual functioning scale:									X	X		X	
PEQ short form (10 questions)									X			X	

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<b>Health and Functioning (continued):</b>													
<b>Cognitive Functioning:</b>													
East Boston Memory Test			4,6	X	X <sup>9</sup>	X <sup>9</sup>	X		X	X		X	
Symbol Digit Modalities (SDMT)			4,6	X	X <sup>9</sup>	X <sup>9</sup>	X		X	X		X	
Digit Span Backward			4,6	X	X <sup>9</sup>	X <sup>9</sup>	X		X	X		X	
Faces Test from Wechsler				X	X <sup>9</sup>	X <sup>9</sup>							
Backward Counting (BTACT)									X	X		X	
Letter Number Sequencing (LNS)									X	X		X	
Rey Verbal Learning Test									X	X		X	
Everyday Activities (EDAY)												X	
Treatment for Vasomotor Symptoms									X	X		X	
Pain Questions (Einstein Pain Qs)									X	X			
New Pain Questions												X	
Reproductive History										X			
Hirsutism									X				
Falls											X	X	X
<b>Actigraphy:</b>													
Sleep monitoring												X	
Physical Activity monitoring												X	
<b>Health Outcomes (Endpoints):</b>													
<b>Adjudications:</b>													
Death									X	X	X	X	
CVA									X	X	X	X	
Bone fractures				X	X	X	X	X	X	X	X	X	X
Hysterectomy				X	X	X	X	X	X	X	X	X	
Breast Cancer									X	X	X	X	
Colon Cancer									X	X	X	X	
Hospitalizations (overnight)									X	X		X	

**Footnotes:**

- <sup>1</sup> - In SWAN III, at Study Visit FU08, women 2 years post-hysterectomy, past final menstrual cycle, and/or initiated hormone use, were given the mailed questionnaire. The Mailed Protocol was dropped during FU09 effective 06/5/2005.
- <sup>2</sup> - Participants who did not receive a Vertebral Morphometry Assessment (VERT) at 08 received the assessment at 09.
- <sup>3</sup> - The weight measure at Visit 14 was self-report.
- <sup>4</sup> - The Pulse Wave Velocity (PWV) data was collected at the Pittsburgh site at SWAN V12. Pittsburgh participants who did not have the PWV test at V12 were tested at V13. The PWV (funded by a supplement) was collected at V13 for the other participating sites (UCLA did not participate in the PWV protocol).

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- <sup>5</sup>- The Menstrual Calendar Protocol was discontinued at Chicago, MGH, Michigan and Pittsburgh effective June 30, 2006 and discontinued at UCLA and UC Davis effective December 31, 2006.
- <sup>6</sup>- Michigan will complete ALL Physical function protocols; MGH will complete ALL physical function protocols EXCEPT the Stair Climb Assessment; UCLA will complete the Grip Strength protocol ONLY.
- <sup>7</sup>- The medication form for Visit 16 is an abbreviated version of the medication form used at Visit - Visit 15.
- <sup>8</sup>- Family Medical History was given at FU07 if not given at FU06, FU08 if not given at FU06 or FU07, FU09 if not given at FU06 or FU07 or FU08.
- <sup>9</sup>- Participants who were selected for the FU08 mailed questionnaire and did not receive the cognitive questionnaires at FU08 completed them at FU09.
- <sup>10</sup>-Visit 16 (which is primarily a BONE visit) is being conducted at 3 sites ONLY (UCLA, Michigan and MGH).