

Domain:	Reproductive Health
Measure:	Hormonal Therapy
Definition:	A question to determine whether a female has ever taken hormonal therapy for treatment or prevention of cancer, or for another reason. As hormonal therapy is known to affect risk of cardiovascular disease and cancer, it is an important environmental risk factor for women.
Purpose:	To assess use of hormonal therapy
Essential PhenX Measures:	Current Age Gender
Related PhenX Measures:	Hysterectomy and Oophorectomy Menstrual History Reproductive History
Keywords:	Reproductive health, estrogen, Nurses' Health Study, NHS
Measure Release Date:	February 26, 2010

Protocol Release Date:	February 26, 2010
PhenX Protocol Name:	Hormonal Therapy
Protocol Name from Source:	Nurses' Health Study II, 2015
Description:	Female participants are asked whether they have ever prescription female hormones (number of months taken, types, dosage).and then asked whether they are currently using it. They are asked whether they are using any over-the-counter preparations for hormone replacement or post-menopause symptoms.
Specific Instructions:	Note: PhenX staff removed embedded dates of original study for clarity of Toolkit users.
Protocol:	1. Have you used prescription female hormones? (Not including contraceptives.) [] Yes a) How many months did you use hormones? [] 1-4 months [] 5-9 months [] 10-14 months [] 15-19 months [] 20-25 months [] 26-30 months

- 31-35 months
- 36+ months

b) Are you currently using them (within the last month)?

- Yes
- No

If no, skip to part d

c) Mark the type(s) of hormones you are CURRENTLY using:

Combined:

- Prempro,
- Premphase,
- Combipatch,
- FemHRT

Estrogen

- Oral Premarin or Conjugated estrogen
- Patch Estrogen
- Vaginal Estrogen
- Estrace
- Estrogen gels, creams, or sprays on skin
- Estratest
- Other Estrogen Specify:_____

Progesterone/Progestin:

- Provera/Cycrin/MPA
- Vaginal
- Micronized (e.g., Prometrium)
- Other progesterone (specify type):_____

d) If you used oral conjugated estrogen (e.g., Premarin), what dose did you usually take?

- .30mg/day or less
- .45 mg/day
- .625 mg/day
- .9 mg/day
- 1.25 mg/day or higher
- Unsure
- Did not take oral conjugated estrogen

No (skip to 2)

2. Are you currently using any of these over-the-counter (OTC) preparations for hormone replacement?

- Soy estrogen products

	<input type="checkbox"/> Black cohosh (e.g., Remifemin) <input type="checkbox"/> Natural progesterone cream/wild yam <input type="checkbox"/> Other OTC										
Selection Rationale:	Among several vetted national surveys of hormonal therapy, this protocol is the most comprehensive, while not being too burdensome within the context of a general survey.										
Source:	Harvard Medical School. Nurses' Health Study II, 2015. Boston, MA. Question numbers 7-8.										
Life Stage:	Adult										
Language:	English										
Participant:	Participants in NHS II were 25-42 in 1989.										
Personnel and Training Required:	None										
Equipment Needs:	Pencil and paper										
General References:	Townsend, M.K., Curhan, G.C., Resnick, N.M., Grodstein, F. (2009). Postmenopausal hormone therapy and incident urinary incontinence in middle-aged women. <i>Am J Obstet Gynecol</i> , 200(1):86.e1-5. Epub 2008 Nov 18. PubMed PMID: 19019333; PubMed Central PMCID: PMC2637519.										
Mode of Administration:	Self-administered questionnaire										
Derived Variables:	None										
Requirements:	<table border="1"> <thead> <tr> <th>Requirement Category</th> <th>Required</th> </tr> </thead> <tbody> <tr> <td>Major equipment</td> <td>No</td> </tr> <tr> <td>Specialized training</td> <td>No</td> </tr> <tr> <td>Specialized requirements for biospecimen collection</td> <td>No</td> </tr> <tr> <td>Average time of greater than 15 minutes in an unaffected individual</td> <td>No</td> </tr> </tbody> </table>	Requirement Category	Required	Major equipment	No	Specialized training	No	Specialized requirements for biospecimen collection	No	Average time of greater than 15 minutes in an unaffected individual	No
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Specialized requirements for biospecimen collection	No										
Average time of greater than 15 minutes in an unaffected individual	No										
Annotations for Specific Conditions:	None at this time.										
Process and Review:	<p>The Expert Review Panel #5 (ERP 5) reviewed the measures in the Reproductive Health domain.</p> <p>Guidance from ERP 5 includes:</p> <ul style="list-style-type: none"> • Updated the protocol (same source) 										

	Not back-compatible requires changes to Data Dictionary Previous version in Toolkit archive (link)
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