

WOMEN'S INTERAGENCY HIV STUDY
QUESTION BY QUESTION SPECIFICATIONS
FORM 22HX: FOLLOW-UP HEALTH HISTORY

Guidelines for completing Form 22HX, "Follow-up Health History."

General Instructions:

NOTE: If this form is being administered to the participant AFTER her WIHS physical exam, be sure to remind her that the findings from her exam conducted today do NOT apply to the questions you are about to ask her.

1. Use the form version dated 04/01/04.
2. **NOTE: No VRS visits will be conducted during visit 20. Thus all F22hx forms completed during visit 20 should indicate that the interview was administered as part of the "WIHS core visit."** Interviewers should indicate on the form whether or not the interview is associated with a participant's regular WIHS visit or a 3-month Viral Resistance Study (VRS) visit. In the general information section at the beginning of the form, there is a place to indicate "WIHS Core Visit" or "3 Month VRS Visit." The appropriate visit type should be selected and the corresponding number circled. If there is any confusion as to what type of visit the participant is attending, interviewers should bring this to the attention of the project director for clarification before circling the appropriate response on the form.
3. All dates should be recorded in the MM/DD/YY format unless otherwise noted. For dates that must be completed on the form, if the participant cannot remember the exact month (and day), probe for the season. Use "15" for the day if the specific day cannot be recorded. Probe for the season and assign the month as follows:

Summer	=	July	=	07
Fall	=	October	=	10
Winter	=	January	=	01
Spring	=	April	=	04

Interviewers should have available an appropriate calendar to aid the participant in determining dates. Years in response to questions inquiring about occurrences "since last visit" should be 1995 and thereafter.

4. Times should be recorded in the HH:MM format. Remember to use leading zeros, e.g., 08:00.
5. For questions containing an open-ended specify box linked to the response "other," interviewers should print responses exactly in the words of the respondent.
6. Obtain the date of the participant's previous visit from the Visit Control Sheet (VCS). The month in this date should be used in the questions wherever (MONTH) appears. For both WIHS core visits and 3-month VRS visits, enter the date of the participant's **last completed core visit**, regardless of whether she has attended an interim VRS visit.

Follow the skip patterns as they appear on the form.

READ THE INTRODUCTION TO THE PARTICIPANT.

SECTION B: SYMPTOMS

- B1–B7: We want to know if the participant has experienced non-specific symptoms associated with HIV infection since her (MONTH) study visit.
- B1. Indicate if the participant experienced a fever for more than one month straight. If the symptom did not last more than one month, circle "2" (NO). **PROBE: "Did you have (CONDITION) for more than one month?"**
- B2. Question deleted.
- B3–B4: Indicate if the participant experienced these symptoms for more than two weeks. If the symptom did not last more than two weeks, circle "2" (NO). **PROBE: "Did you have (CONDITION) for more than two weeks?"**
- B5. Indicate if the participant had an unintended weight loss of 10 pounds or more that lasted for more than a month, since her (MONTH) study visit.
Dieting and/or fasting are methods of intended weight loss and are not considered "unexpected," – circle "2" (NO).
If the participant specifies an unintentional weight loss of 10 pounds or more because of HIV infection or AIDS, circle "1" (YES).
- B6. Indicate if the participant has experienced any confusion, such as getting lost in a familiar place or the inability to perform routine mental tasks, since her (MONTH) study visit.
- B7. Indicate if the participant has experienced drenching night sweats since her (MONTH) study visit.

NOTE: Remember to refer the participant (at the end of the interview) for any "YES" responses (as indicated by shaded boxes).

READ THE INTRODUCTION TO THE PARTICIPANT. THE QUESTIONS IN B10 ASK ABOUT CHANGES A PARTICIPANT MAY HAVE NOTICED IN THE SHAPE OF HER BODY. THEY REFER TO THE PERIOD OF TIME BETWEEN NOW AND HER LAST STUDY VISIT. DO NOT INCLUDE ANY CHANGES THAT ARE DUE TO PREGNANCY. USE BODY DIAGRAM CARD AS NEEDED.

- B8. Ask the participant if she has experienced any changes in the shape of her body or in the amount of her body fat. Use the body diagram card to point out the location of the supraclavicular and dorsocervical fat pads and, as needed, to clarify any other body area. If the participant answers "NO," skip to question **B9**. If she answers "YES," read questions **B8a–B8j** to the participant.
- a–j: If the participant reports a change in any specific body area, continue by asking if the change was mild, moderate or severe. The definitions listed on the form may be read to the participant, and are as follows:
- Mild – Only seen if looked for.
 - Moderate – Easily seen.
 - Severe – Obvious immediately.
- B9. These questions are intended to qualify the body measures recorded during the physical exam (Form 07). Indicate if the participant has taken any of the actions listed in questions **B9a–B9g**. For this question, we want to know if the participant has taken any actions to change **or** maintain the shape of her body. In question **B9b**, circle "–1" if the participant is HIV-negative or if she is not currently taking any antiretroviral medications.

- f. This question is intended to capture information concerning cosmetic surgeries that may affect the body measures recorded during the physical exam. We are only trying to capture cosmetic surgeries that may influence these body measures.
- B10. Record the bra size as chest size (e.g., 36 or 46) and cup size (e.g., A, CC, I). Three boxes are provided for recording cup size – use as many as are needed, leaving unneeded boxes blank. If the participant does not wear a bra or if she reports wearing a sports bra, record “99” in the blanks provided for chest size and write “-1” in the blanks provided for cup size.

SECTION C: MEDICAL CONDITIONS AND CONCOMITANT ILLNESSES/SYMPTOMS

NOTE: The questions asked in Sections C, D, and E are asked of both seropositive and seronegative women. Many of these questions refer to "HIV infection/AIDS" related conditions. Some women may become worried or upset while being administered these sections. You may want to say something such as: “I need to ask these questions of everyone who is enrolled in this study.”

READ THE INTRODUCTION TO SECTION C.

NOTE: In questions C1 through C14, if the participant self reports a diagnosis of cancer, but later reports that she had no biopsy, the interviewer should ask for clarification from the participant. For example, after the participant indicates that she has not had a biopsy, the interviewer could say, “Did your doctor tell you that you definitely had cancer, or just that s/he suspected you might have cancer and should return for more tests?” Since cancer can’t be diagnosed without a biopsy, if the participant reports that she had no biopsy, the interviewer should ensure that the form does not indicate a cancer diagnosis.

- C1. a. Indicate if the participant remembers being told by a health care provider (doctor, nurse, physician's assistant or nurse practitioner) since her (MONTH) study visit that she had cervical cancer. Skip to question C2 if the participant answers “NO.”
- b. Record whether the participant has had surgery to treat cervical cancer since her (MONTH) study visit. **PROBE: Been admitted to the hospital and had surgery in an operating room.**
- c. Record whether the participant has had a CAT or MRI scan of her abdomen since her (MONTH) study visit. **PROBE: A big donut-shaped machine that takes special pictures.**
- d. Record whether the participant has been told that she needs either surgery or radiation therapy since her (MONTH) study visit.
- C2. Indicate if the participant remembers being told by a health care provider since her (MONTH) study visit that she had any other type of cancer besides cervical cancer. This includes any other kind of cancer (such as skin cancer, breast cancer, ovarian cancer, etc.). Skip to question C12 if the participant answers “NO.”
- C3. Ask the participant if she was told she has breast cancer since her (MONTH) study visit. If she answers “NO,” skip to question C4. If “YES,” ask question C3a.
- a. Ask the participant if she has had a lump removed from her breast by a surgeon. **PROBE: Not a needle biopsy, but an incision resulting in stitches.**
- b. Ask the participant if she has had a mastectomy. **PROBE: Removal of entire breast.**
- C4–C11: Ask the participant whether or not she has been told she has each kind of cancer as listed in C4–C11.

C12. The interviewer should record the total number of cancers self-reported by the participant at this visit. Make sure to include cervical cancer if reported in question C1a, as well as all cancers reported in questions C3–C11. **NOTE: This question should not be read aloud to the participant.**

PROMPT: IF QUESTION C12 = 00, SKIP TO QUESTION C27.

PROMPT: FOR EACH CANCER INDICATED IN QUESTION C12, COMPLETE QUESTIONS C13–C14. THE NUMBER OF BOXES COMPLETED MUST EQUAL THE VALUE RECORDED AT C12. INDICATE THE LOCATION OF EACH REPORTED CANCER IN a, THEN COMPLETE b–f AS INDICATED FOR EACH. IF THE TOTAL NUMBER OF REPORTED CANCERS IS GREATER THAN TWO, PLEASE XEROX THIS PAGE AND INSERT THE COPY AFTER PAGE 7.

C13–C14: These questions are to be completed if the participant reports any cancer diagnoses in question C1a or in any of questions C3 through C11. They are asked to determine whether or not she has been diagnosed with metastatic cancer, and, if so, to obtain details about its spread.

- a. Record the location of each reported cancer on this line. Do not ask the participant this question, just transfer the cancer diagnosis location from each of questions C1a and C3–C11 that she answered affirmatively. In questions C13 and C14, whenever you see (LOCATION) in a question, replace it with the location of the cancer diagnosis recorded in subquestion a.

PROMPT: REPLACE (LOCATION) WITH THE LOCATION WRITTEN IN C13a/C14a.

- b. If this is the participant's first diagnosis of cancer, proceed to subquestion c; if not, skip to subquestion e.
- c. If the participant was told that this cancer had metastasized to another part of her body, proceed to subquestion d; if not, skip to question C14 if she reported another cancer diagnosis in questions C1a and C3–C11, or to question C15 if she reported no other cancer diagnoses.
- d. Record the location to which the participant's cancer has spread, then skip to question C14 if she reported another cancer diagnosis in questions C1a and C3–C11, or to question C15 if she reported no other cancer diagnoses.
- e. This question will only be asked if the participant indicates that she had received a prior cancer diagnosis. Indicate if the new cancer that the participant is now reporting had metastasized from her original cancer. Proceed to subquestion f regardless of whether she responds yes or no.
- f. Record the location of the original cancer. Proceed to question C14 if she reported another cancer diagnosis in questions C1a and C3–C11, or skip to question C15 if she reported no other cancer diagnoses.

PROMPT: IF ANY OF C1–C11 = YES, THEN COMPLETE ASCERTAINMENT TRACKING CHECKLIST (ATC) FOR EACH ILLNESS AND OBTAIN MEDICAL RECORD RELEASE. ALSO, IF EITHER C13c/C14c OR C13e/C14e = YES, THEN COMPLETE ATC FOR METASTATIC CANCER.

C15. Indicate if the participant has received cancer chemotherapies since her (MONTH) study visit. Do not explain further.

C16. Indicate if the participant has received radiation treatments since her (MONTH) study visit. Do not explain further.

C27. Indicate if the participant has been told she has asthma since her (MONTH) study visit. If the participant already has asthma, we want to know whether her asthma has worsened since her (MONTH) study visit. For WIHS purposes, reports of this condition DO NOT require diagnosis by a health care provider (doctor, nurse, nurse practitioner or physician's assistant).

- C28–C30: These questions are about tuberculosis. Tell the participant we are referring to tuberculosis as “TB” for short.
- C28. Indicate if anyone in the participant's family or anyone she has lived with has had TB since her (MONTH) study visit. DO NOT DEFINE “tuberculosis,” “family” or “lived with.”
- C29. Indicate if the participant has had TB since her (MONTH) study visit. For WIHS purposes, reports of this condition DO NOT require diagnosis by a health care provider. Skip to question **C30**, if participant answers “NO.”
- a–b: Indicate where the participant had TB in her body. These questions ask about the location of TB, whether it was in her lungs or another part of her body. If the participant answers “other,” record her answer verbatim in the space provided. The definition of these conditions is up to the participant. DO NOT explain further.
- c. Indicate if the participant received a chest x-ray for tuberculosis since her (MONTH) study visit.
- d. If the participant remembers being treated for TB, we want to know if she took medications for three months or longer.

PROMPT: IF ANY OF C29a–d = YES, THEN COMPLETE THE ASCERTAINMENT TRACKING CHECKLIST FOR EACH ILLNESS AND OBTAIN MEDICAL RECORD RELEASE.

- C30. Indicate if the participant has had a skin test for TB since her (MONTH) study visit. Skip to question **C31**, if participant answers “NO,” “DON'T KNOW” or declines to answer this question.
- a. Indicate when the last time (most recent time) the participant had a skin test for TB was. Interviewers should have a calendar available to aid the participant in determining the date of her last skin test. **PROBE: I need the month and the year. Please estimate as best you can.**
- b. Indicate if the participant remembers being specifically told that her TB test was positive (that her skin test showed exposure to TB).

PROMPT: IF C30b = YES, THEN COMPLETE THE ASCERTAINMENT TRACKING CHECKLIST AND OBTAIN MEDICAL RECORD RELEASE.

- C31a–g: This study is about the progression of HIV disease in women and we want to know if the women who participate in this study have any other illnesses or conditions that require medical care. In evaluating the progression of HIV in women, it is important to take into consideration the effect other illnesses may have in relation to HIV disease. These questions ask about conditions that **REQUIRED OR REQUIRE** medical care. **We want to know if the participant has had any of these conditions since her (MONTH) study visit.** If the participant does not recognize the medical terminology, circle “2” (NO). **DO NOT LEAVE ANY BLANK.**
- a. Indicate if the participant remembers having a sinus infection that required treatment with antibiotics.
- b. Indicate if the participant remembers having a urinary tract infection (bladder/UTI/kidneys/pyelonephritis/urethritis) that required treatment with antibiotics.
- c. Indicate if the participant remembers having high blood pressure or hypertension (blood pressure that is above the normal range) since her (MONTH) study visit.
- d. Indicate if the participant remembers having high blood sugar or diabetes. **Do not define further.**

- e. Indicate if the participant remembers having high blood cholesterol, high triglyceride or blood lipid levels.
 - f. Indicate if the participant remembers having any rheumatologic disease including rheumatoid arthritis or lupus.
 - g. Indicate if the participant remembers having a depression that required medical care.
- C32. Ask the participant if she has been told since her (MONTH) study visit that she has a thyroid problem. If she answers “NO,” skip to question C33. Questions C32b & C32c ask if the participant was diagnosed with hyperthyroidism (overactive) or hypothyroidism (underactive). If she was diagnosed with neither hyperthyroidism nor hypothyroidism, then ask question C32d (other thyroid problem) and specify condition, if she answers “YES.”
- b.i. This question asks, for those patients who report hyperthyroidism, if it got better without any treatment. Potential treatments could include radioactive iodine (RAI), medication and/or surgery. If the participant has received any of these treatments, respond “NO” to the question.
- C33. This series of questions asks about fractures to the hip, wrist and spine that the participant may have had since her (MONTH) study visit. If a participant answers “YES” to a hip fracture then ask C33a.2 (how did the fracture occur). Do the same for wrist (C33b) and spine (C33c) fractures. **NOTE: If the participant reports that she fractured her tailbone, this should not be recorded in question C33c as a spinal fracture.**
- C34b–d: These questions ask about different liver conditions the participant may have had diagnosed since her (MONTH) study visit. If the participant does not recognize the medical terminology, circle “2” (NO). **DO NOT LEAVE ANY BLANK.**
- b. Indicate if the participant remembers having been diagnosed with any liver disease, such as liver inflammation, cirrhosis or yellow jaundice. **NOTE: A “YES” answer to this question will generate an ATC record for disease code 320.**
 - c. Indicate if the participant remembers having been diagnosed with ascites (abnormal fluid in the belly). **NOTE: A “YES” answer to this question will generate an ATC record for disease code 320.**
 - d. Indicate if the participant remembers having been diagnosed with bleeding from enlarged veins in her esophagus or stomach. **NOTE: A “YES” answer to this question will generate an ATC record for disease code 320.**
- C35. Indicate if the participant remembers having received a new diagnosis of hepatitis C since her (MONTH) study visit. Only record “YES” if it was a new diagnosis. If “NO,” skip to question C38. **NOTE: A “YES” answer to this question will generate an ATC record for disease code 320.**
- C36b. Ask for the participant’s impression of how well hepatitis C treatment works. If the participant states that she doesn’t know, circle “4” for “I have no opinion.”
- c. Indicate if anyone has offered the participant treatment for hepatitis C infection since her last visit.
- C37. Ask if the participant has been referred to a special provider or clinic for patients with hepatitis C since her last visit. The participant need not have actually gone to the provider or clinic. In this question, we’re only interested in whether or not she received a referral. If “NO,” skip to question C38.
- a. In this question, record whether the participant has gone to a special provider or clinic for patients with hepatitis C since her last visit.

PROMPT: IF ANY OF C34b, C34c, C34d OR C35 = YES, THEN COMPLETE ASCERTAINMENT TRACKING CHECKLIST AND OBTAIN MEDICAL RECORD RELEASE.

- C38. Indicate whether or not a health care provider has recommended that the participant receive a liver biopsy since her (MONTH) study visit. If the participant's health care provider has recommended that the participant receive a liver biopsy, circle "1" (YES), regardless of whether or not she had the biopsy. If "NO," skip to question C39.
- b. Ask why the biopsy was recommended: to determine how much hepatitis has affected the participant's liver, or for another reason.
 - c. If the participant reports having been recommended for a biopsy (question C38 is "YES"), ask if she had the recommended biopsy. If "YES," skip to question C39.
 - d. If the participant reports she did not have the biopsy, ask why she didn't have it in questions C38d.i–C38d.vi.
- C39. Ask if the participant has been told by a health care provider that she needed a liver transplant since her last visit. If "NO," skip to question C42.
- C40. Ask if the participant has had a liver transplant since her last visit. **NOTE: A "YES" answer to question C40 will generate an ATC record for disease code 320.**
- C41. Ask if the participant is currently on a waiting list for a liver transplant.

PROMPT: IF ANY OF C38 or C40 = YES, THEN COMPLETE ASCERTAINMENT TRACKING CHECKLIST AND OBTAIN MEDICAL RECORD RELEASE.

- C42a–d: These questions ask about different cardio- or cerebro-vascular conditions the participant may have had diagnosed since her (MONTH) study visit. If the participant does not recognize the medical terminology, circle "2" (NO). **DO NOT LEAVE ANY BLANK.**
- a. Indicate whether or not the participant has received a new diagnosis of angina or chest pain related to heart disease. **NOTE: No ATC record will be generated for a "YES" answer to question C42a.**
 - i. Ask if the participant was hospitalized due to angina or chest pain related to heart disease. **NOTE: A "YES" answer to question C42ai will generate an ATC record for disease code 334.**
 - b. Indicate whether or not the participant has received a new diagnosis of congestive heart failure or CHF. **NOTE: No ATC record will be generated for a "YES" answer to question C42b.**
 - i. Ask if the participant was hospitalized due to congestive heart failure. **NOTE: A "YES" answer to question C42bi will generate an ATC record for disease code 332.**
 - c. Indicate whether or not the participant has had a heart attack (myocardial infarction or MI). **NOTE: A "YES" answer to question C42c will generate an ATC record for disease code 331.**
 - d. Indicate whether or not the participant has had a stroke (CVA). **NOTE: A "YES" answer to question C42d will generate an ATC record for disease code 333.**
 - e. Indicate whether or not the participant has had a transient ischemic attack (TIA) or mini-stroke. **NOTE: A "YES" answer to question C42e will generate an ATC record for disease code 335.**
- C44. Ask if the participant has ever had any surgery or procedure to look for or to open blocked vessels. **(PROBE: Your doctor may have called this: cardiac catheterization,**

percutaneous revascularization, PTCA, angioplasty, stenting, carotid endarterectomy, surgical revascularization, CABG, or coronary artery bypass grafting.) If the participant says yes, proceed to C44a and C44b.

C44a-b. Record if the procedure or surgery mentioned in C44 was on heart vessels (a) or other vessels (b). If the participant responds yes to either question, proceed to i to indicate what was done. **NOTE: A “YES” answer to question C44a will generate an ATC record for disease code 337. No ATC record will be generated for a “YES” answer to question C44b.**

C45. Indicate whether the participant takes aspirin three days or more of every week.

PROMPT: IF ANY OF C42ai, C42bi, C42c, C42d, C42e OR C44a = YES, THEN COMPLETE ASCERTAINMENT TRACKING CHECKLIST AND OBTAIN MEDICAL RECORD RELEASE.

SECTION D: SKIN AND ORAL CONDITIONS

NOTE: The definition of health care provider changes in this section and now includes a dentist.

D1 & D3: We want to know if the participant remembers being told by a health care provider (doctor, dentist, nurse, nurse practitioner or physician's assistant) that she had the conditions listed in **D1** and **D3** since her (MONTH) study visit. The words listed in parentheses in the form may be read to the participant to clarify the condition. To avoid biasing the interview, **do not define further.**

Circle “1” (YES) only if the condition named was diagnosed in those words by a health care provider (doctor, dentist, nurse, nurse practitioner or physician's assistant).

Skip to the next condition if the participant answers “NO,” “DON'T KNOW” or declines to answer.

D1. Circle “1” (YES) if the participant has been specifically told by a health care provider that she had “shingles” or “herpes zoster.”

b. Ask the participant if she has had two or more separate areas with shingles at the same time.

D2. Deleted on form version 10/01/98.

D3. Circle “1” (YES) if the participant has been specifically told by a health care provider that she had “Candida or thrush,” a Candida/yeast infection inside her mouth (oral candidiasis).

D1a & D3a:

Ask “a” only for responses of “YES” to **D1** and **D3**. Enter the number of different times in the past six months that the participant had the specific condition reported in **D1** and **D3**. **PROBE: Please estimate as best you can.** If the participant has difficulty totaling the number of times she had each condition, but can provide the number of times she had it each month, the interviewer should calculate the six-month total based on the participant’s response.

D4. Deleted on form version 10/01/98.

SECTION E: AIDS DEFINING ILLNESSES

E1–E23: These questions are asked of both seropositive and seronegative women. Although these illnesses are associated with HIV/AIDS, some of these illnesses can occur in women who do not have HIV/AIDS and we are interested in knowing what percentage of seronegative women experience the same illnesses as seropositive women.

We are interested in knowing whether the participant has been told by a health care provider (doctor, dentist, nurse, nurse practitioner or physician assistants) that she had any of these AIDS-defining illnesses since her (MONTH) study visit. **NOTE: We are interested only if the diagnosis was made by a health care provider and not in the participant's personal belief that she had any of these conditions.** If the participant is unable to recognize the medical terminology, do not offer any definitions other than those in parentheses; circle “2” for “NEVER HEARD OF IT.” DO NOT LEAVE ANY BLANK. We believe if a participant was told by a health care provider that she had one of these illnesses, she would then recognize it. Circle “1” (YES) for each illness in questions E1–E23 that the participant reports was diagnosed by a doctor, dentist, nurse, nurse practitioner or physician's assistant. If the participant answers “NO,” skip to the next question and do not ask any subquestions.

NOTE: The questions in this section refer to illnesses and/or conditions that a health care provider told the participant she had since her (MONTH) study visit. For this reason, each question begins with the phrase, "Since your (MONTH) study visit..." However, after the first five questions, the phrase begins to appear in parentheses. This is done to minimize the number of times the interviewer has to read the phrase. When the phrase appears in parentheses, it is meant only as a clarification; the interviewer should read it only if it is necessary in order to make the question more clear to the participant.

PROMPT: IF THE PARTICIPANT RESPONDS "YES" TO ANY OF THE AIDS-DEFINING ILLNESSES IN E4–E20, THE INTERVIEWER MUST COMPLETE THE ASCERTAINMENT TRACKING CHECKLIST AND OBTAIN A SIGNED MEDICAL RELEASE FORM.

- E1. Ask if the participant was told by a health care provider since her (MONTH) study visit that her CD4 count was less than 200 or less than 14%. Circle the appropriate response.
- E2. Circle “1” (YES) if the participant has had ulcers or sores lasting longer than one month that a health care provider told her was herpes simplex.
- E3. Circle “1” (YES) if the participant has had diarrhea (three or more soft or liquid stools per day) that has lasted for more than one month since her last (MONTH) study visit. If she answers “NO,” skip to question E5.
- E4i–v: Circle “1” (YES) if the participant was told by a health care provider that her diarrhea was caused by any of the conditions listed. **NOTE: A “YES” answer to questions E4i through E4v will generate ATC records for disease codes 151, 152, 153, 151, or 154, respectively.**
- E5. Circle “1” (YES) if the participant has been told by a health care provider that she had a herpes simplex infection of the lungs or esophagus. **PROBE: The tube between your mouth and stomach. NOTE: A “YES” answer to question E5 will generate an ATC record for disease code 201.**
- E6. Ask if the participant was told by a health care provider since her (MONTH) study visit that she had PCP, pneumocystis carinii pneumonia. We specifically want to know about PCP and not other types of pneumonia – other types are about asked separately. **NOTE: A “YES” answer to question E6 will generate an ATC record for disease code 130.**
- E7. Ask if the participant was told by a health care provider since her (MONTH) study visit that she had another type of pneumonia or a lung infection. If the participant is certain that she received a diagnosis of bronchitis only, record “NO” for the question. If she is not sure whether the diagnosis was for pneumonia, bronchitis or some other lung infection, record “YES” for the question. The definition of this condition is up to the participant. DO NOT explain further. If the participant responds "YES," ask questions E7a–c. If the participant responds “NO,” skip to question E8.

For example: If the participant said, “I had bronchitis,” the interviewer should not include that as a pneumonia. Bronchitis is not a pneumonia.

NOTE: A “YES” answer to question E7 will generate an ATC record for disease code 132.

- a. Record the number of times the participant has had pneumonia, not PCP, in the **past 12 months that required treatment with antibiotics**. **PROBE: Please estimate as best as you can.** If the participant has difficulty totaling the number of times she had non-PCP pneumonia in the last year, but can provide the number of times she had it each month, the interviewer should calculate the total based on the participant’s response.
- b. Record the number of times the participant has had pneumonia, not PCP, **since her (MONTH) study visit that required treatment with antibiotics**. **PROBE: Please estimate as best as you can.** If the participant has difficulty totaling the number of times she had non-PCP pneumonia since her (MONTH) study visit, but can provide the number of times she had it each month, the interviewer should calculate the total based on the participant’s response. If the participant remarks that she just answered this question, remind her that question **E7a** asks for the number of times in the **past 12 months** while **E7b** asks for the number of times **since her (MONTH) study visit**.
- c. Enter the month and year given by the participant as the last time she had non-PCP pneumonia. **PROBE: I need the month and year (the last time) you had pneumonia.** Interviewers should have a calendar available to aid the participant in determining the date she last had non-PCP pneumonia.

E8. Circle “1” (YES) if the participant has been specifically told by a health care provider that she had Candida or thrush, a yeast infection of her esophagus. **PROBE: The tube between your mouth and stomach.** **NOTE: A “YES” answer to question E8 will generate an ATC record for disease code 149.**

E9. Circle “1” (YES) if the participant has been specifically told by a health care provider that she had Candida or thrush, a yeast infection of the lungs or airway, inside her trachea or bronchi. **NOTE: A “YES” answer to question E9 will generate an ATC record for disease code 141.**

E10. Circle “1” (YES) if the participant has been specifically told by a health care provider that she had an M-A-I infection which is sometimes called M-A-C or MAC.

Definitions are provided in the question. The hyphens mean each letter needs to be pronounced separately and “MAC” without the hyphens is read as one word.

NOTE: A “YES” answer to question E10 will generate an ATC record for disease code 170.

E11. Circle “1” (YES) if the participant has been told specifically by a health care provider that she had a Toxo infection or toxoplasmosis of the brain. Do not explain further. **NOTE: A “YES” answer to question E11 will generate an ATC record for disease code 172.**

E12a–e: Circle “1” (YES) if the participant has been told specifically by a health care provider that she has C-M-V in any of the listed locations. **NOTE: A “YES” answer to questions E12a – E12e will generate ATC records for disease codes 161, 163, 164 and 165, as appropriate.**

E13. Circle “1” (YES) if participant has been told specifically by a health care provider that she had meningitis related to HIV. If participant answers “NO,” skip to question E14. **NOTE: A “YES” answer to question E13 will generate an ATC record for disease code 192.**

- a. Circle “1” (YES) if the participant was told by a health care provider that this was Crypto or Cryptococcal meningitis. **NOTE: A “YES” answer to question E13a will generate an ATC record for disease code 174.**

- E14. Circle “1” (YES) if the participant has been told specifically by a health care provider that she had a Cryptococcal infection in her blood or elsewhere in her body. If the participant answers “NO,” skip to question **E15**.
- a–b: Circle “YES” or “NO” for subquestions **a** and **b** to indicate the location of the participant’s Cryptococcal infection. If she responds “YES” to having Crypto “elsewhere in your body” specify the location in the space provided. **NOTE: A “YES” answer to questions E14a or E14b will generate ATC records for disease code 175.**
- E15. Circle “1” (YES) if the participant has been told specifically by a health care provider that she had Histo or a Histoplasmosis infection. If the participant answers “NO” or declines to answer, skip to question **E16**. **NOTE: A “YES” answer to question E15 will generate an ATC record for disease code 173.**
- a. We want to know specifically where the participant had the infection. Record the participant's response verbatim in the space provided.
- E16. Circle “1” (YES) if the participant has been told specifically by a health care provider that she had Cocci, coccidioidomycosis infection or valley fever. **NOTE: A “YES” answer to question E16 will generate an ATC record for disease code 176.**
- E17. Circle “1” (YES) if the participant has been told specifically by a health care provider that she had wasting syndrome, or severe weight loss. If the participant answers “NO,” skip to question **E18**. **NOTE: A “YES” answer to question E17 will generate an ATC record for disease code 210.**
- a–b: We are interested in knowing whether the participant had either of these conditions for at least one month while experiencing severe weight loss (i.e., “wasting syndrome”). Read the stem question and insert the conditions listed at **a** and **b** where it says (CONDITION). Note that each condition is a separate question and should be read as such, in the order listed, in order to obtain two separate/distinct answers.
- c. Indicate if the participant was told by a health care provider that this/these symptom(s) was/were due to AIDS.
- E18. Circle “1” (YES) if the participant has been told by a health care provider that she had dementia or encephalopathy, or that she had a memory problem or confusion caused by HIV. **NOTE: A “YES” answer to question E18 will generate an ATC record for disease code 193.**
- E19. Circle “1” (YES) if the participant has been told by a health care provider that she had an infection in the blood with a bacteria called salmonella. If the participant answers “NO,” skip to question **E20**. **NOTE: A “YES” answer to question E19 will generate an ATC record for disease code 177.**
- a. Indicate if the participant has been told she had an infection in her blood more than once since her (MONTH) study visit.
- E20. Circle “1” (YES) if the participant has been told by health care provider that she had PML or progressive multifocal leukoencephalopathy, a disease of the brain. **NOTE: A “YES” answer to question E10 will generate an ATC record for disease code 190.**
- PROMPT: IF THE PARTICIPANT RESPONDED “YES” TO ANY OF QUESTIONS E4–E20, COMPLETE ASCERTAINMENT TRACKING CHECKLIST AND OBTAIN MEDICAL RECORD RELEASE.**
- E21. Indicate if the participant was told by a health care provider since her (MONTH) study visit that she had AIDS. If the participant says, “Yes, I was told I have HIV,” ask, “**Yes, but were you told that you had AIDS?**”

E22. We want to know if the participant has had a biopsy since her (MONTH) study visit. If the participant responds “NO,” skip to question E23.

NOTE: If the participant self reported a diagnosis of cancer in questions C1 through C14, but then in question E22 reports that she had no biopsy, the interviewer should ask for clarification from the participant. For example, after the participant indicates that she has not had a biopsy, the interviewer could say, “Did your doctor tell you that you definitely had cancer, or just that s/he suspected you might have cancer and should return for more tests?” Since cancer can’t be diagnosed without a biopsy, if the participant reports that she had no biopsy, the interviewer should ensure that the form does not indicate a cancer diagnosis.

a–g: These questions ask the participant exactly where in her body she had a biopsy.

PROMPT: IF THE PARTICIPANT RESPONDED “YES” TO ANY OF QUESTIONS E22a–g, COMPLETE AN AIDS AND CANCER SPECIMEN RESOURCE ASCERTAINMENT TRACKING CHECKLIST (ACSR ATC) FOR EACH REPORTED BIOPSY AND OBTAIN MEDICAL RECORD RELEASE.

E23. Indicate if the participant has been hospitalized since her (MONTH) study visit.

- a. Record the number of times the participant reports she has been hospitalized since her (MONTH) study visit. **PROBE: Please try and remember as best you can.** If the participant has difficulty totaling the number of times she has been hospitalized since her (MONTH) study visit, but can provide the number of times she was hospitalized each week or each month, the interviewer should calculate the total based on the participant’s response.

E24. Record the time module was completed and proceed to form **F22MED**.