Prosclerosis Risk ir		IFLAMMATI	ON FORM			exp. 09/3	50/9
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		CONTACT YEAR	1 0	FORM CODE:	INF VERSION: A	01/30/96	
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e i i	entered above. Whenev in the rightmost box. incorrectly, mark thro	ver numerical respon Enter leading zero bugh the incorrect e	nses are requir bes where neces entry with an "	ed, enter the n sary to fill al X". Code the c	er, Contact Year and N umber so that the last l boxes. If a number orrect entry clearly a ircle the letter corre	digit appe is entered bove the	агз
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Go to Item 3.a.	No N Unknown L	r N J F b.	that you ha Have you had flare-up in years?	ever told you ve arthritis? Go to Item 4.a, Screen 3. <u>more than one</u> episode the past 10	No Unknown	Y N U
Go to Item 3.a.	Unknown L Yes Y No N	и к	flare-up in years?	Screen 3. more than one episode the past 10	Unknown	U
b. Was it diagnosed in the past 10 years? Go to Item 3.a.	Yes Y No N	r b.	flare-up in years?	Screen 3. more than one episode the past 10		
past 10 years?	Yes Y No N	y b.	flare-up in years?	the past 10	e or	
past 10 years?Go to Item 3.a.	No N	r In col log al	flare-up in years?	the past 10	e or	
Go to Item 3.a.	No N	ing the state	years?	the past to		
Go to Item 3.a.	e calmud et	•			Yes	Y
	UNKNOWN L				No	
c. In the last 12 months?		-				
	Yes Y	r c.	c. Have you had <u>at least one</u> episode in the last 12 months?		. Yes	Y
	No N	N	in the tast		No	N
	Unknown L	- L				
					Unknown	U
	13					
<ul> <li>a. Has a doctor ever told you that you have a urinary tract or kidney infection? Yes</li> </ul>	Y	5.a.		ever told you ve pneumonia?	Yes	Y
		8. 40 Mar 19		Go to Item 6.a,	- No	N
Go to Item 5.a. Unknow	N vn U			Screen 4.	- Unknown	U
1 Low March 1 - 1 - 1 - 1 - 1 - 1 - 1	Second second				nin 16. Bear	ep loveb.
episode of this in the past		b.	episode of	this in the	•	
10 years? Yes	Y		past 10 yea	rs?	Yes	Y
No	N				No	N
Unknown	U	1			Unknown	U
c. Have you had <u>at least one</u> episode in the last 12 months? Yes	Y	c.	Have you had in the last	at least one episode 12 months?	Yes	Y
	N	-		*	No	N
No	U	0			Unknown	U
No						
10 years? Yes No Unknown	Y N U		episode of past 10 yea	rs?"	No	Y N U

INFLAMMATION FORM (INFA screen 4 of 6)

a. Has a doctor ever told you that you have <b>bronchitis?</b> Go to Item 7.a.	Yes -No -Unknown	N	Go to Item 8,	Yes No Unknown	Y N U
b. Have you had <u>more than one</u> episode of this in the past 10 years?	Yes	Y	b. Have you had <u>more than one</u> episode of this in the past 10 years?		Y
	No	N	Line 16	No	N
	Unknown	U		Unknown	U
			alter very e-		
:. Have you had <u>at least one</u> episode in the last 12 months?		Y	c. Have you had <u>at least one</u> episode in the last 12 months?	Yes	Y
	No	N		No	N
	Unknown	U	Instants mil	Unknown	U

INFLAMMATION FORM (INFA screen 5 of 6)

Γ

How many times have you had a cold or a minor upper respiratory infection in the last 10			10. Have you ever had shingles, also known as herpes zoster?	Yes	Y
years?			Go to Item 11.	No	N
				Unknown	U
A REAL PROPERTY AND A REAL		1	and the second		
Have you ever had a fever					
blister or cold sore on			a. Have you had at least one episode of		
your lips?	Yes	Y	them in the last 12 months?	res	Y
Go to Item 10.	No	N		No	N
			21		
	Unknown	U		Unknown	U
			11.a. Have you been treated with		
			antibiotics during the		
a. How many times have you had this in the last 10 years?			last 10 years?	Yes	Y
				No	N
[If "00", go to Item 10.]			Go to Item 12,		
			Screen 6.	Unknwon	U
b. Have you had <u>at least one</u> episode					
in the last 12 months?	Yes	Y			
			b. Approximately how many times?		
	No	N			
	Unknown	U			

INFLAMMATION FORM (INFA screen 6 of 6) 12. Have your gums bled while flossing 14.b. How long ago was this or brushing your teeth within first treated? ..... the last two weeks? ..... Yes Y . years No N 15. Have you ever had Unknown U gum surgery? ..... Yes Y No N 13.a. Has a dentist ever told you that you have gum disease? ..... Yes Y Unknown U No N Go to Item 16. 16. Date of data collection: ... - Unknown U mm/dd/yy b. How long ago were you told 17. Method of data collection: ..... Computer C about this? ..... years Paper form P 14.a. Have you ever been treated 18. Code number of person for gum disease? ..... Yes Y completing this form: ..... N No Go to Item 16. Unknown U

## INSTRUCTIONS FOR THE INFLAMMATION FORM INF, VERSION A, 01/30/96 PREPARED 05/05/97

## I. GENERAL INSTRUCTIONS

The Inflammation form is administered by a study-certified nurse/nurse practitioner, licensed practical nurse or an equivalently trained field center staff member with a general understanding of the medical terms referred to in this interview. Familiarity with and understanding of the document entitled "General Instructions for Completing Paper Forms" is necessary prior to administering this form. The participant's ID number, Contact Year and Name are completed in this form's header as described in that document.

The Inflammation form collects information on the participant's prior history of a series of chronic infectious diseases, treatment with antibiotics, and history of periodontal disease. For most of the questions, the intent of this form is to document acquired infections that the participant is aware of from communication with his/her physician. The exceptions are colds and fever blisters/cold sores which often occur and are not diagnosed or treated by a physician. The time frame during which these conditions were diagnosed varies, requiring careful administration of each question. The exact wording and order of the questions should be followed to ensure standardization. Questions should not be skipped unless indicated by the skip pattern instructions.

The format of the majority of the questions on chronic infectious diseases starts with a lead-in question on a specific disease in which the time frame is a life time history and the disease must have been diagnosed by a physician. It is followed by a question on the frequency of episodes within the past 10 years and concludes with a question as to whether the person has had at least one episode in the 12 month's prior to the interview. Responses to lead-in questions of NO or UNKNOWN trigger a skip to the next disease.

A table of definitions and synonyms of many of the infectious diseases is provided for the use of the interviewer. Since most conditions require diagnosis by a physician, definitions of these conditions are not given to the participant unless clarification is specifically requested. The additional information in the table is provided to the interviewer in case the name of the diagnosis given by the physician does not match the exact term in the question, but does match the definition of the synonym.

## II. DETAILED INSTRUCTIONS FOR EACH ITEM

The introductory script serves as a brief explanation to the participants as to why questions on a history of chronic infectious diseases and periodontal disease is being collected, and tangentially, why the periodontal exam is also being performed. In any observational study, care must be taken to encourage continued participation by providing reasonable explanations as to why questions or procedures are being introduced while taking care not to influence or bias participants' responses. The form's introductory statement is read after verifying the participant's name. Do not define the terms, unless asked. The name of the disease should be familiar to the participant if the diagnosis has been made by the participant's physician.

- 1.a Read the question, stressing "has a doctor ever told you" and hepatitis or jaundice. The term "jaundice" is meant as a synonym for hepatitis and not for the unrelated jaundice which often occurs at birth. If, however, a participant reports hepatitis during childhood that was diagnosed by a physician (even if the knowledge of the diagnosis by a physician was obtained second hand from a parent), the information is applicable and informative. The same applies to the other infectious diseases. The time frame for this question is a life time history, i.e., any time prior to this interview. If the response is NO or UNKNOWN, select the appropriate response and go to Item 2. If YES, continue with part (b).
- 1.b Read the question, stressing "more than one" episode and "in the past 10 years". Record the response and continue with part (c).
- 1.c Read the question, stressing "at least one" episode during "the last 12 months".
- 2-7. Repeat the process for each of the diseases in items 2 through 7.
- 3. A positive response to Item 3.b requires more than one, distinct episode (flare-up) of arthritis. Code NO for persons reporting only one episode or constant, unvarying symptoms during the past 10 years. A positive response to 3.c requires at least one (distinct) episode of arthritis.
- 8. "Cold" is defined by the participant. If asked, the interviewer indicates that "flu-like symptoms" are a "cold", which includes a sore throat, if not accompanied by chills, aches, fever, or gastro-intestinal symptoms. If any of the latter are reported, the episode is not counted as a "cold". The occurrence of a cold or a minor upper respiratory infection is limited to the last 10 years. When participants cannot provide an accurate count, ask for a best guess. If more than 99, enter 99. The primary distinction between Item 7.a (sinusitis or a sinus infection) and Item 8.b (cold) is not the illness per se, but the requirement of a physician diagnosis for sinusitis.
- 9. Read the question stressing the time frame (life time history) and "fever blisters or cold sore". Note that this question does not require a physician's diagnosis. If NO or UNKNOWN, go to Item 10. If YES, continue with part (a).
- 9.a Read the question stressing the time frame, (in the past 10 years). When participants cannot provide an accurate count, ask for a best guess. If more than 99 (highly unlikely), enter 99.
- 9.b Read the question, stressing "at least one" episode during "the last 12 months".

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- 10. Item 10 is the same format as Item 9, i.e., the interviewer needs to stress a life time history of a condition that does not have to have been diagnosed by a physician. If the response is NO or UNKNOWN, go to Item 11. If YES, continue with part (a).
- 10.a Read the question, stressing "at least one" episode during "the last 12 months".
- 11.a Read the question stressing the time frame (the last 10 years), and defining (if requested) antibiotics as a medication prescribed by a doctor to treat infections. The interviewer does not try to determine what is a relevant or legitimate use of an antibiotic in selecting a positive (YES) response. Both the use of an antibiotic to cure an infection or its prophylactic use (as in the case of heart transplants and hip replacements) is applicable. If the response is NO or UNKNOWN, go to Item 12. If YES, continue with part (b).
- 11.b The time frame refers to the last 10 years. The count concerns antibiotics and not the condition being treated. If the condition is treated with multiple courses of the same antibiotic, it is counted as one antibiotic for that condition. If a condition is treated with multiple antibiotics, the number of antibiotics for that condition is counted. For example, an episode of pneumonia treated with two, sequential courses of ampicillin is counted as "1". In contrast, an episode of pneumonia treated with two sequential courses of different antibiotics (ampicillin followed by tetracycline) is counted as "2". When participants cannot provide an accurate count, ask for a best guess. If more than 99 (highly unlikely), enter 99.
- 12. Items 12 15 focus on periodontal disease. Item 12 is a general question to ascertain whether the participant is currently experiencing bleeding gums. Read the question, stressing the time frame (within the past 2 weeks). If requested, bleeding gums can be defined as coloration of saliva when flossing or coloration of toothpaste when brushing the teeth. A positive response (YES) requires gum bleeding during (or as a result of) one or both activities, i.e., brushing the teeth or flossing. Brushing the gums is not considered brushing the teeth. For example, enter NO for persons who are edentulous, regardless of whether they are wearing dentures or practice good dental hygiene.
- 13.a Gum disease requires diagnosis by a dentist. The time frame is expanded to cover the participant's life time. If asked for clarification, "gum disease" refers to periodontal disease, such as receding gums, and not conditions due to medications or congenital abnormalities. <u>Gum disease</u> is an infection that causes the loss of support around the teeth, including the bone and support ligaments. It is associated with bleeding gums, gum recession (long teeth), and can lead to teeth that become loose or fall out. "Gingivitis" is used a lot on TV, especially in mouthwash commercials, and participants may tell you they have gingivitis. Even though gingivitis can lead to periodontal disease, by itself, it does not qualify as gum disease because it is too mild and comes and goes. If the response to the question is NO or UNKNOWN, go to Item 16. Thank the participant and indicate that this completes the

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questions in this portion of the interview. If YES, continue with part (b).

- 13.b Record "1 to 12 months" or "1 year ago" as "01"; "13 to 24 months" or "2 years ago" as "02", etc. If the participant cannot provide an accurate number, ask for a best guess.
- 14.a Read the question, stressing the time frame (have you ever) and "gum disease". This refers to the positive statement in Item 13. If NO or UNKNOWN, go to Item 16. Thank the participant and indicate that this completes the questions in this portion of the interview. If YES, continue with part (b).
- 14.b Read the question, stressing the time frame, "first" treated. Record "1 to 12 months" or "1 year ago" as "01"; "13 to 24 months" or "2 years ago" as "02", etc. If the participant cannot provide an accurate number, ask for a best guess.
- 15. Read the question, stressing the time frame (have you ever) and "gum surgery". If asked for clarification, "gum surgery" refers to procedures to treat periodontal disease, and not procedures to repair trauma or other dental abnormalities.
- 16. Record the date on which the participant was seen in the field center. Enter numbers using leading zeroes where necessary to fill all boxes. For example, May 3, 1993 would be entered as:

$$\frac{O}{\text{month}} = \frac{1}{O} \frac{5}{\text{day}} = \frac{1}{2} \frac{9}{\text{year}} \frac{3}{\text{year}}$$

17. Record "C" if the form was completed on the computerized data entry system, or "P" if the paper form was used. If the form was completed partially on paper and partially on the computer, enter as "paper form".

18. Enter the interviewer ID of the person administering the interview.

Among refere to periodontal diseases noch as parening quare, and not subticing due to medicatible or compensed about about the <u>Out difessa</u> and referies that causes the loss of support econd the test beinging the bow and support light and the second of the test and the demonstrate such support light to the second of the medice at fail out. "Unon that's a used to be on the test in any test of the bough displaying and the second to test the main is done not fail out. "Unon this is used to be on the test in any test of the second of a support of the test of the main is done not multify as and display here the second at the test of the second to the the perturbant of the quareful test of the second of the second and indicate the test of the second to the test of the second of the response of the test of the second to the test of the second and displaying the the quareful test of the test of the test of the test and indicate the test of the second to the test of the test of the forticipant and indicate the test of the second test of the test of the test of the test and indicate the test of the second test of the test of the test of the forticipant and indicate the test of the test of the test of the test of the test and indicate the test of test

Kidney infection DEFINITIONS AND SYNONYMS FOR INFECTIOUS DISEASES - INFLAMMATION FORM Infection SMYNONYS Jaundice Sinus Т.В. UTI tree, usually accompanied by cough and expectation. Inflammation of the sinus cavities around the nose, usually acute, accompanying an upper respiratory Acute or chronic inflammation of the bronchial Bacterial infection of the bladder (cystitis); Bacterial or viral inflammation of a segment 4 Does not include jaundice or the kidney (pyelonephritis). The bladder Can be of viral infections are more common, and are usually accompanied by urgency, pain and/or burning Sometimes accompanied by ARIC - VISIT Painful swelling of the joints; in adults most often chronic and degenerative. Chronic infection with tuberculosis Acute (at times leading to chronic) bacillus, most often of the lungs inflammation of the liver. infection; can be chronic. sensations on voiding. or toxic origin. yellow jaundice. of the lung. at birth. URINARY TRACT TUBERCULOSIS DEFINITIONS BRONCHITIS HEPATITIS ARTHRITIS INFECTION PNEUMONIA SITISUNIS INFA 1.a INFA 2.a INFA 3.a INFA 4.a INFA 5.a INFA 6.a INFA 7.a

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DEFINITIONS AND SYNONYMS FOR INFECTIOUS DISEASES - INFLAMMATION FORM Herpes zoster Minor upper respiratory infection Cold sore SMYNONYS Painful sores on the lips lasting a few days. ARIC - VISIT 4 severe or shorter duration than the "flu." Upper respiratory infection or sore throat accompanied by chills, fever, or gastrocaused by the "common cold" virus; less vesicles along nerve branches, usually on the trunk and less frequently other locations, such as the face. Not the Viral infection (herpes zoster virus) Flu-like symptoms are a cold, unless leading to pain and sometimes small same disease as "fever blisters". intestinal symptoms. FEVER BLISTER DEFINITIONS INFA 10.a INFA 8.a SHINGLES INFA 9 COLD

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