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1. IN THE PAST YEAR, have you been			t. Pneumonia	O No	O Yes	
any of the following? IF YES, please of the NEW diagnosis or procedur		-	IF YES, were you hospitalized	? O No	O Yes	
	е.	Diagnosis MO/YR	u. Cirrhosis of the liver or other severe liver disease	O No	O Yes	
a. Hypertension (high blood pressure)	O No	O Yes	v. Tuberculosis (active)	O No	O Yes	
b. Diabetes	O No	O Yes //	w. Sarcoid or Wegener's (granulomatosis)	O No	O Yes	
c. Cancer (NOT including skin cancer IF YES, specify type:		O Yes/	x. Intermittent claudication (pain in legs while walking due to blocked arteries)	O No	O Yes	
d.Skin cancer IF YES, specify type:	O No		y. Peripheral artery surgery / stenting (procedure to unblock arteries in legs)	, O No	O Yes	
e. O melanoma O squamou	s or bas	al cell O not sure	z. Carotid stenosis (blocked arteries in neck)	O No	O Yes	
f. Heart attack or myocardial infarction	O No		aa. Carotid artery surgery /			
g. Coronary bypass surgery	O No		stenting (procedure to unblock arteries in neck)	O No	O Yes	
h. Coronary angioplasty or stent (balloon used to unblock an artery)	O No		bb. Deep vein thrombosis (blood clot in legs)	O No	O Yes	
i. Chest pain (angina) IF YES, were you <u>hospitalized</u> ?	O No O No	O Yes	cc. Pulmonary embolism (blood clot in lungs)	O No	O Yes	
j. Stroke	O No	O Yes //	dd. Colon or rectal polyps	O No	O Yes	
k. Mini-stroke (TIA)	O No	O Yes //	ee. Parkinson's disease	O No	O Yes	
I. Atrial fibrillation	O No	O Yes //	ff. Multiple sclerosis	O No	O Yes	
m. Other irregular heart rhythm	O No		gg. Cataract surgery (extraction)	O No	O Yes	
n. Heart failure or congestive heart failure	O No		hh. Macular degeneration	O No	O Yes	
IF YES, were you <u>hospitalized</u> ?	O No	O Yes	ii. Gastric bypass surgery	O No	O Yes	
o. Kidney stones	O No		jj. Fibrocystic or other benign breast disease (women only)	O No	O Yes	
p. Kidney failure or dialysis	O No		IF YES: Confirmed by breas			O Yes
q. High levels of calcium in the blood (hypercalcemia)	O No		Confirmed by aspir	ation?	O No	
r. Any thyroid condition	O No	O Yes //	kk. Periodontal disease		O Yes	
s. Any parathyroid condition	O No		II. Have you had any <u>OTHER MA</u>	S, please :		
(Note: This is NOT thyroid disease answ question (r) to report a thyroid condition)	wer the pr			ovide MO		
•	₽	LEASE ANSWER ALL ITEN			OF	
2. Please provide your birthdate an purposes to authenticate that t			curity number. We use this informa s the person assigned to the study			
A. Birth date: / / /				X-X		
month day	year					
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3. In general, would you say your health is: O Excellent O Very good O Good O Fair O Poor

4. Do you CURRENTLY smoke cigarettes? O No O Yes

IF YES, what is the average number of cigarettes that you smoke per day? O less than 15 O 15-25 O greater than 25

5. IN THE PAST YEAR, have you experienced any of the following? Please answer ALL ITEMS in BOTH COLUMNS.

a. Stomach upset or pain	O No	O Yes	h. Frequent nosebleeds	O No	O Yes
b. Nausea	O No	O Yes	i. Easy bruising	O No	O Yes
c. Constipation	O No	O Yes	j. Blood in urine	O No	O Yes
d. Diarrhea	O No	O Yes	k. Gastrointestinal bleeding	O No	O Yes
e. Skin rash	O No	O Yes	IF YES: Did you have a transfusion? Were you hospitalized?	O No O No	O Yes O Yes
f. Colds or upper respiratory infections	O No	O Yes	I. Bad taste in mouth	O No	O Yes
g. Flu-like symptoms	O No	O Yes	m. Increased burping	O No	O Yes

6. For each study capsule, please describe your compliance during a "typical month" during the past year:

a. LARGE capsule:	O Missed 0 days (took all)	O Missed 1-5 days	O Missed 6-10 days
(in a typical month)	O Missed 11-15 days	O Missed 16-29 days	O Missed all (took none)
b. SMALL capsule:	O Missed 0 days (took all)	O Missed 1-5 days	O Missed 6-10 days
(in a typical month)	O Missed 11-15 days	O Missed 16-29 days	O Missed all (took none)

c. If you missed taking your study capsules more than 10 days in a "typical month", what was the main reason(s)?

O Traveling and forgot calendar pack O Surgery O Illness O Other (Specify: _____

d. Have you stopped taking the capsules? O No O Yes -> Which? O Large capsule O Small capsule O Both capsules

7. <u>NOT including your study pills</u> and NOT including your diet, how much <u>TOTAL vitamin D do you take each day from nutritional</u> <u>supplements</u> such as single tablets of vitamin D, multi-vitamins, calcium supplements (Calcium+D) or drugs that may include vitamin D (Example: Fosamax+D)? Referring to package labels, please add up ALL your non-diet sources of vitamin D.

O None O 400 IU or less/day O 401-800 IU/day O 801-1000 IU/day O 1001-2000 IU/day O 2001-3000 IU/day O 3001-4000 IU/day O greater than 4000 IU/day

8. NOT including your study capsules, do you regularly take individual supplements of fish oil (including cod liver oil, krill oil)?

O No O Yes > If in the form of cod liver oil or krill oil, indicate which type(s): O cod liver oil O krill oil

9. Do you take a calcium supplement daily such as Os-Cal, Caltrate, Citracal, Calcium+D? O No O Yes

IF YES: How much <u>TOTAL calcium do you take each day from nutritional supplements</u> such as single tablets of calcium and multi-vitamins. Referring to package labels, please add up ALL your non-diet sources of calcium.

O 500 mg or less/day O 501-1200 mg/day O 1201-1500 mg/day O greater than 1500 mg/day

10. Are you CURRENTLY taking medications for high blood pressure? O No O Yes

se indicate if you are CURRENTLY taking any of the lications listed below, and the reason for use.	For high blood pressure	For other reasons or not sure
. Beta-blockers (Ex: atenolol, metoprolol)	0	0
. Calcium-blockers (Ex: amlodipine, diltiazem)	0	0
Diuretics (Ex: hydrochlorothiazide, furosemide)	0	0
. ACE-inhibitors (Ex: lisinopril, enalapril)	0	0
. Angiotensin receptor blockers (Ex: valsartan, irbesartan)	0	0
Aldosterone receptor blockers (Ex: spironolactone, eplerenon	e) O	0
. Alpha-blockers (Ex: terazosin, doxazosin)	0	0
. Alpha-blockers (Ex: terazosin, doxazosin)	•	

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11. Are you CURRENTLY taking any of the following drugs for prevention or treatment of bone loss? (Mark ALL that apply)

- O Fosamax (alendronate) O Evista (raloxifene) O Actonel
- O Actonel (risedronate)

O Reclast (zoledronic acid)

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O Prolia (denosumab) O Forteo (teriparatide injection) O N O other osteoporosis medication, not listed above O I do No

O Miacalcin or Fortical (calcitonin-salmon)

O I do NOT take any medications for bone loss treatment/prevention

12. Are you CURRENTLY taking any of the following drugs regularly? Please answer ALL ITEMS in BOTH COLUMNS.

a. Aspirin (Ex: Bayer, Bufferin, Anacin, Excedrin) IF YES: In the past month, on how many DAYS		O Yes ake it?	g. Estrogen, alone or with progestin (do NOT O No O Yes include vaginal estrogen)			
O 1-3 days O 4-10 days O 11-20 days	O 21+		h. Tamoxifen (Ex: Nolvadex) O No O Yes			
b. Antiplatelet medication (Ex: clopidogrel, Plavix, prasugrel, Effient, ticagrelor, Brilinta)	O No	O Yes	i. Serotonin reuptake inhibitor (Ex: Celexa, Lexapro, O No O Yes Cipralex, Esertia, Prozac, Zoloft, Zelmid)			
c. Anti-coagulant/blood thinner (either group)			j. Aromatase inhibitor (Ex: Arimidex, Aromasin, O No O Yes Femara)			
1. warfarin / Coumadin / heparin	O No	O Yes	k. Lithium O No O Yes			
OR 2. Pradaxa / dabigatran / Xarelto / rivaroxaban	O No	O Yes	I. Corticosteroids or prednisone O No O Yes			
d. Calcitriol (Rocaltrol, Calcijex, Vectical) or Paricalcitol (Zemplar)	O No	O Yes	m. Diabetes medication(s) - Mark ALL that apply: O NONE O Insulin injection			
e.Statin drugs to lower cholesterol (Ex: Lipitor, Zocor, Mevacor, Pravachol, Crestor)	e.Statin drugs to lower cholesterol (Ex: Lipitor, Zocor, Mevacor, Pravachol, Crestor) O No O Yes O Non-insulin injection (EX: Exenatide, Byetta) O Glucophage (metformin) O Other oral drugs (EX: Avandia, Glucotrol, Prandin, Januvia,					
f. Non-statin drugs to lower cholesterol (Ex: Niacin, Lopid, Questran, Colestid, Zetia) O No O Yes Levothroid, levothyroxine) O No O Yes						
 Please provide us with your phone number HOME PHONE () CELL PHONE () WORK PHONE () Please provide us with the names and correst permission to contact CONTACT 1 Name: Phone number: Address: Relationship (circle): Family Friend Nei This is the E-MAIL that we have on file for 	rs in the	event th - - - - - - - - -	W. IT WILL NOT BE SHARED AND WILL BE USED BY STUDY STAFF ONLY. at we need to reach you to clarify any of your responses. What is your preferred method of contact: O Home phone Cell phone O Work phone No difference of 2 individuals (not living in your household) whom we have at we are not able to reach you directly: CONTACT 2 Name: Phone number: Address: Relationship (circle): Family Friend Neighbor Other udy info: e-mail, please update your e-mail address below, if applicable:			



13. What is your CURRENT weight?

pounds

14. In the PAST YEAR, have you been <u>NEWLY DIAGNOSED</u> with any of the following autoimmune diseases? Please answer NO/YES for each item. IF YES, please provide the month/year of the NEW diagnosis. Diagnosis

			MO/YR
a. Autoimmune thyroid disease (includes Graves' disease, Hashimoto's thyroiditis, underactive or overactive thyroid, but NOT thyroid nodule or cancer)	O No	O Yes	
b. Inflammatory bowel disease (Crohn's disease or ulcerative colitis, but NOT irritable bowel syndrome)	O No	O Yes	
c. Polymyalgia rheumatica (PMR), temporal arteritis or giant cell arteritis	O No	O Yes	
d. Rheumatoid arthritis (NOT osteoarthritis, degenerative arthritis or gout)	O No	O Yes	
e. Psoriasis or psoriatic arthritis	O No	O Yes	
f. Other autoimmune disease (Please specify:)	O No	O Yes	

The following questions deal with mood. If you have any concerns about your answers to questions #15-18, please share with your health care provider. Also, refer to information at the following web site: http://www.nimh.nih.gov/health/publications/depression/complete-index.shtml

15. Over the PAST 2 WEEKS, how often have you been bothered by any Not at Several More than Nearly of the following? all days half the days every day a. Little interest or pleasure in doing things Ο 0 0 Ο Ο 0 0 О b. Feeling down, depressed, or hopeless c. Trouble falling or staying asleep, or sleeping too much 0 0 0 Ο d. Feeling tired or having little energy 0 0 0 0 e. Poor appetite or overeating Ο 0 0 Ο f. Feeling bad about yourself or that you are a failure or have let 0 0 0 Ο yourself or your family down g. Trouble concentrating on things like reading the paper or watching TV Ο 0 0 Ο h. Moving or speaking so slowly that others could have noticed. Or the 0 0 0 0 opposite -- being fidgety, restless, or moving a lot more than usual

16. In the PAST YEAR, have you had a diagnosis (Dx) of depression? O No O Yes \rightarrow What was the MO/YR of Dx?

IF YES: Have you regularly taken antidepressants or had counseling for depression in the past year? O No O Yes

- 17. In the PAST YEAR, have you had 2 weeks or more during which you felt sad, blue, or depressed or lost pleasure in things that you usually cared about or enjoyed? O No O Yes
- 18. Have you had 2 or more consecutive years of feeling depressed or sad most days, even if you felt OK sometimes? O No O Yes
- 19. How much help (if any) do you need to do the following routine activities for yourself? Help is defined as By myself **Completely unable** getting assistance from another person or using a device. With some help without help to do this by myself a. Can you feed yourself? Ο 0 Ο Ο Ο 0 b. Can you dress and undress yourself? c. Can you get in and out of bed by yourself? 0 Ο 0 Ο Ο 0 d. Can you take a bath or shower?

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AVERAGE TIME PER WEEK

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20. These questions are about a typical day's activities. Does your health now limit you in these activities, and, if so, how

much? Please answer for each item.	NO, not limited at all	YES, limited a little	YES, limited a lot
 a. Vigorous activities such as running, lifting heavy objects, or strenuous sports 	0	0	0
 b. Moderate activiies such as moving a table, vacuuming, bowling, or golf 	0	0	0
c. Lifting or carrying groceries	0	0	0
d. Climbing several flights of stairs	0	0	0
e. Climbing one flight of stairs	0	0	0
f. Bending, kneeling, stooping	0	0	0
g. Walking more than a mile	0	0	0
h. Walking several blocks	0	0	0
i. Walking one block	0	0	0
j. Bathing or dressing yourself	0	0	0

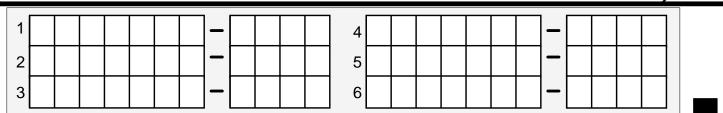
21. DURING THE PAST YEAR, what was your approximate AVERAGE TIME PER WEEK spent at each of the following recreational activities? Please answer on each line.

1-19 20-59 2-3 4-6 1.5 7+ zero min. min. hour hours hours hours hours a. Walking or hiking (include walking to work) Ο Ο Ο Ο Ο b. Jogging (slower than 10 minute miles) c. Running (10 minute miles or faster) Ο d. Bicycling (include stationary bike) e. Aerobic exercise / aerobic dance / exercise machines f. Lower intensity exercise / yoga / stretching / toning g. Tennis, squash, or raquetball h. Lap swimming i. Weight lifting / strength training j. Other: Please specify activity: _

22 ON AVEDACE how mar	V ELICHTS of stairs	(not individual atoma)	de veu elimb deilv?	
22. ON AVERAGE, how mar	IV FLIGHTS OF Stalls	not mulvidual steps	uo you chinib ually?	

0	None	O 1-2 flights	O 3-4 flights	O 5-9 flights	O 10-14 flights	O 15 or more fligh	nts	
23. Wha	t is your	usual walking pace	outdoors?					
		lk regularly ce (3-3.9 mph)	•	al (less than 2 mph) striding (4 mph or faste		rage (2-2.9 mph)		
24. In the	PAST Y	EAR, have you had	an unintentional	fall (coming to rest	on the ground, floor	or lower surface)?	O No	O Yes
IF Y		. How many of these	e falls caused an ir	0 1 O 2 O 3 or n njury and limited your 1 O 2 O 3 or more	nore regular activity for at le	east a day or made yo	u see a c	loctor?
	с	. Were you evaluate	d by a health care	provider or admitted t	to the hospital following	g any of the injuries?	O No	O Yes

Do not write in the space below. Office use only. Please continue on the last page.



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Use ball-point pen to complete the form.	
25. In the PAST YEAR, has a doctor or other health care provider told you that you had broke	en a bone? O No O Yes
IF YES:→ a. Which bone (Mark ALL that apply)? O Hip O Spine O Forearm / should b. Please provide the date (month/year) when the break occurred:	der O Other
26. In the PAST YEAR, have you had a NEW DIAGNOSIS of anemia (low red blood cell count)? ONO OYes
IF YES: > a. What was the date (month/year) of this new diagnosis?	
b. Did you have a blood transfusion for your anemia? O No O Yes	
27. In the PAST YEAR, were you evaluated by a hematologist (blood specialist)? O No $$ O	O Yes
28. How often are your eyes dry (not wet enough)? O Constantly O Often O Sometime	es O Never
29. How often are your eyes irritated? O Constantly O Often O Sometimes O Neve	۲
30. In the PAST YEAR, have you been diagnosed (by a clinician) with dry eye syndrome or dr	ry eye disease? O No O Yes
31. In the PAST YEAR, have you been hospitalized for heart failure or congestive heart failur	re? O No O Yes
IF YES, how many times in the past year? O 1 O 2 O 3 or more	
32. In the PAST YEAR, have you been treated in the emergency room (but not hospitalized) f	or heart failure or congestive

33. In the PAST YEAR have you experienced any of the following? If YES, please provide the month/year of the event/procedure.

O No O Yes IF YES, how many times in the past year? O 1 O 2 O 3 or more

O No	O Yes
O No	O Yes /
O No	O Yes
O No	O Yes
O No	O Yes /
O No	O Yes //
O No	O Yes
	O No O No O No O No O No

34. In the PAST YEAR, how many colds have you had? (COLD = an illness that included at least 1 of the following: runny nose, nasal stuffiness, sore throat, cough) O None O 1-2 colds O 3-5 colds O 6-10 colds O 11+ colds

35. In the past few days, have you had a cough, cold, or other acute illness? O No O Yes

36. Do you USUALLY have a cough? O No O Yes

- 37. Do you USUALLY bring up phlegm from your chest, not from the back of your nose? O No O Yes
- 38. In the LAST 12 MONTHS, have you had wheezing or whistling in your chest at any time? O No O Yes
- 39. In the LAST 12 MONTHS, were you diagnosed with asthma by a doctor or other health professional? O No O Yes
- 40. In the LAST 12 MONTHS, were you diagnosed with chronic bronchitis, emphysema, or chronic obstructive lung disease (COPD) by a doctor or other health professional? O No O Yes

MO/YR