

NAME: Sample, Jane T.
CASE #: s104
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BIRTHDATE: 1947-05-21
LAST REVISED: 2007-01-06

SEX: F
BY: cb

AGE: 59

Jane Sample is a 59 year old, left-handed woman with **Zollinger-Ellison syndrome**. She has been suffering from **recurrent headaches** since 2001, and **tinnitus and vertigo** since 1999. She is looking for a neurological diagnosis.

*She was diagnosed with **common migraine** in 1975; however, her recent headache seems completely different from her migraine, in terms of character and duration, and does not respond to her previously effective migraine treatments.*

MRI of the brain (2005-07-23) showed high intensity white matter densities; EEG (2005-02-03) was normal; neurology consult (2005-02-03) revealed hyperactive reflexes, R>L.

*Her **Z-E Syndrome** seems well controlled. Other significant active conditions include elevated blood pressure and asthma, both controlled.*

Her current medications are: **Advil** (ibuprofen) for headache; **Aspirin** (low dose) for CV prophylaxis, **Prempro** (conjugated estrogens; progesterone) for menopausal symptoms, **Vitamin-D** (supplement); **Zantac** (for Z-E Syndrome) and **Zyrtec** (cetirizine) for hay fever.

Significant procedures have included **duodenotomy and partial gastrectomy** (1999), normal **vaginal deliveries** (1975, 1977), **tubal ligation** (1977), **arthrotomy**, L knee (1979) and **tonsillectomy** (1964).

She had a **rash from Bactrim** in 1980, and is allergic to **cats, wheat gluten, weeds and grasses**.

Her family history is significant for Alzheimer's, Asthma, Coronary artery disease, Mental retardation, unknown type, Multiple sclerosis, Rheumatoid arthritis, Skin cancer, Stroke, and Zollinger-Ellison Syndrome.

Jane is a concert violinist. She has never used tobacco, and uses alcohol rarely. She lives with her husband, Edgar, who holds her Durable Power of Attorney. She has a son, 31, and a daughter, 29 (contingent DPoA). She was exposed to Agent Orange while in the Air Force in 1969-70.

Please refer to the accompanying, comprehensive Lynx Health Record Summary™

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A	CURRENT CONCERNS, QUESTIONS (2007-01-06)
1	----- [Neurology] -----
2	Headaches, incapacitating since 2001. What is causing them and how can they be treated?
3	Can elevated blood pressure cause headaches? Can allergy cause headaches?
4	Tinnitus and vertigo since 1999. Meniere's ruled out in 2000. MRI normal 2000. What are the differential possibilities?
5	----- [Other] -----
6	Chronic fatigue and weakness, worse since winter of 2005. Is this related to other problems?
7	Weight loss. Endocrinologist says thyroid is normal. Do I have cancer? What workup makes sense?
8	Am I having side effects from my medications?
9	Do I have gluten enteropathy? [See Line# 53]

B	ACTIVE CONDITIONS	DATE	Confidence *	INTERVENTIONS, COMMENTS
10	----- [GI] -----			
11	Zollinger-Ellison syndrome (251.5) ^{t3}	1990	A	Surgery, medication
12	----- [Neurology] -----			
13	Headaches	2001	C	Not completely characterized. Different from longstanding occasional migraines
14	Common migraine (346.1) ^{t8}	1975	B	Usually less than 1 per month
15	----- [Other] -----			
16	Elevated blood pressure	2002	C	Intermittent: Not meeting criteria for hypertension
17	Asthma (493) ^{t2}	1988	B	Stable
18	Hay fever ^{t2}	1979	C	
19	Corrected vision ^{t1}	1965	B	Contacts, reading glasses

*A = Definitive pathologic diagnosis confirmed by histology, laboratory or similar quantitative data
*B = Clinical opinion verified by expert examination, consistent objective findings, imaging or similar data
*C = Provisional or conditional assessment based on report, observation or conclusion, not reaching level A or B
*D = Uncertain, suspected or disputed assessment requiring further investigation

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C	INACTIVE CONDITIONS	DATE	Confidence *	INTERVENTIONS, COMMENTS
20	----- [GI] -----			
21	Peptic ulcer ^{t2}	1985	B	Resolved to Zollinger-Ellison syndrome
22	----- [Neurology] -----			
23	Cerebral concussion	1965	C	Sports injury, no sequelae
24	Febrile seizure	1948	C	One episode, as infant
25	----- [Other] -----			
26	Pneumonia, mycoplasma ^{t7}	1991-04-16	B	
27	Torn medial meniscus, L knee	1979	B	Arthrotomy [OP NOTE?]
28	Chondromalacia patellae, R&L	1979	C	Asymptomatic after 1983
29	Tonsillitis, chronic ^{t4}	1964	B	Tonsillectomy

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D	ACTIVE MEDICATIONS, SUPPLEMENTS (2006-12-30)	DOSE	INSTRUCTIONS	START DATE	INDICATION, COMMENTS
30	Advil (ibuprofen)	200mg	2-3 tabs every 6 hours		As needed: For headaches
31	Aspirin	81mg	Daily	2001-06-11	For cardiovascular protection
32	Prempro (conjugated estrogens; progesterone)	0.3/5mg	Daily	1998	For menopausal symptoms
33	Vitamin-D ^{t6}	400mg	Daily	2001-06-10	Supplement
34	Zantac	300 mg	3 times daily		Zollinger-Ellison Syndrome
35	Zyrtec (cetirizine) ^{t7}	10mg	Daily if needed	2000	As needed: For hay fever

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E	INACTIVE MEDICATIONS, SUPPLEMENTS *	START DATE	STOP DATE	INDICATION, REACTIONS, COMMENTS
36	Ampicillin	2002		Treatment for H. pylori
37	Bactrim (sulfamethoxazole, trimethoprim)		1980	Caused significant rash
38	Botox injections ^{t8}	2005	2005	For headache; not successful
39	Celebrex (celecoxib)	2000	2000	Concern about side effects
40	Clarithromycin	2002		Treatment for H. pylori
41	EES-400 (erythromycin ethyl succinate)	1991		For pneumonia. Tolerated.
42	Ginkgo biloba	1999	2000	No benefit noted, possible headache?
43	HCTZ (hydrochlorothiazide)	2002	2002	For BP: Caused fatigue, not tolerated
44	Imitrex (sumatriptan) ^{t8}	2005	2005	For headaches, unsuccessful
45	Lo-Ovral (ethinyl estradiol, norgestrel)	1970	1976	Well tolerated
46	Melatonin ^{t8}	1998	1998	Dizziness
47	Pepto Bismol	2002		For H. pylori
48	Percocet (oxycodone, acetaminophen)			Tolerated
49	Prilosec (omeprazole)	1999-01-12	2000-01-23	Tolerated
50	Zestril (lisinopril)	2002	2002	Cough

* Not a comprehensive archive. Typically lists medications for which there are significant comments.

F	ACTIVE TREATMENTS, RESTRICTIONS	START DATE	COMMENTS
51	—		

G	DURABLE EQUIPMENT, DEVICES	START DATE	COMMENTS
52	Contact lenses ^{t1}		Myopia [Rx?]
53	Reading glasses ^{t1}	1977	

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H	DRUG, FOOD, MATERIAL	DATE	Confidence *	ALLERGY, ADVERSE REACTION, CONTRAINDICATION
54	Cats	1960	C	Sneezing, coughing, difficulty breathing
55	Sulfa drugs ^{t2}	1980	B	Rash following Bactrim
56	Wheat gluten	1991	B	Abdominal pain, diarrhea
57	Weeds, grasses	1984	C	Seasonal rhinitis

*A = Definitive diagnosis confirmed by conclusive evidence

*B = Strong clinical opinion supported by reliable evidence

*C = Provisional assessment based on report or observation; or findings with indeterminate implications

*D = Uncertain or unverified assessment; prudence

I	PROCEDURES, EXAMS	DATE	COMMENTS
58			[GI]
59	Duodenotomy ^{t6}	1999-03-04	Tumors removed from duodenum [DETAILS?]
60	Partial gastrectomy ^{t6}	1999-03-04	[OP NOTE?]
61	Esophagogastroduodenoscopy ^{t3}	1999-01-02	Erosive esophagitis, antral erosions and bulbar duodenitis.
62			[OB-Gyn]
63	Post-partum tubal ligation ^{t4}	1977-05-15	
64	Normal vaginal delivery ^{t4}	1977-05-14	
65	Normal vaginal delivery ^{t4}	1975-01-02	
66			[Other]
67	Massage therapy	2001-11	Cervical sprain in auto accident
68	Arthrotoomy, L knee ^{t4}	1979-05	[OP NOTE?]
69	Tonsillectomy ^{t4}	1964	

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J	TESTS, RESULTS	DATE	COMMENTS
70	----- [GI] -----		
71	Gastroenterology consult ^{t6}	2005-02-04	Confirm Z-E Syndrome as cause of ulcers
72	Gastroenterology consult ^{t6}	2002-01-18	Peptic ulcer disease; recurrent.
73	Blood gastrin level ^{t5}	1999-12-02	Elevated
74	----- [Neurology] -----		
75	MRI Brain ^{t8}	2005-07-23	High intensity white matter densities
76	EEG/NCV ^{t8}	2005-02-03	Normal
77	Neurology consult ^{t8}	2005-02-03	Hyperactive reflexes, R>L
78	----- [Other] -----		
79	Pap test	2005-06-12	Normal (all prior have been normal)
80	Mammogram, screening ^{t2}	2005-05-09	Normal
81	Pulmonary consult ^{t7}	2005-01-03	Asthma
82	Mammogram, screening ^{t2}	1987-06-30	Normal

K	IMMUNIZATIONS AND VACCINES	MANUFACTURER	DATE	LOT #	COMMENTS
83	"Routine" childhood immunizations				Records not available. Reported "complete." Uncertain of varicella.
84	Tetanus		1996		Dog bite
85			1988		
86	Influenza ^{t2}		2001		
87			2003		
88	Pneumovax ^{t7}	Merck	2002-09-18	BCY3402	

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L	FAMILY AND HOUSEHOLD RELATIONSHIPS	NAME	AGE	DIED*	COMMENTS
89	Self		59		
90	Husband	Edgar Sample	59		
91	Sister	Ruth Johnson	32	*	Auto accident
92	Son	David Sample	31		
93	Daughter	Miranda Childers	29		

M	FAMILY MEDICAL CONDITIONS	INDIVIDUAL(S) AFFECTED	Confidence*	COMMENTS
94	Alzheimer's	Mother (possibly maternal aunt?)	B	Maternal aunt with undiagnosed dementia, age 68
95	Asthma	Father, paternal grandmother, sister	B	
96	Coronary artery disease	Father, mother, paternal uncles	C	
97	Mental retardation, unknown type	Distant paternal relative	D	Suspect Down syndrome
98	Multiple sclerosis	Maternal cousin?	D	
99	Rheumatoid arthritis	Maternal grandmother, maternal aunt	B	
100	Skin cancer	Mother, cousin(?)	C	Not melanoma
101	Stroke	Father, paternal grandfather	B	
102	Zollinger-Ellison Syndrome	Maternal grandfather	C	

- *A = Definitive history confirmed by conclusive evidence (e.g., genetic testing)
- *B = Expert opinion supported by evidence
- *C = Belief with support not reaching level A or B
- *D = Tentative, suspected or disputed

N	SOCIAL, OCCUPATIONAL HISTORY, EXPOSURES	DATE(S)	COMMENTS
103	Agent orange in military	1969 to 1970	Air Force, Viet Nam
104	Alcohol – rare		

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N	SOCIAL, OCCUPATIONAL HISTORY, EXPOSURES	DATE(S)	COMMENTS
105	Asbestos exposure in childhood – “possible”		Found in school
106	Occupation – Concert violinist		
107	Tobacco use – never		Never smoked

O	PERSONAL PROFILE	
108	Caucasian	
109	Left handed	
110	Menopause 1998	

P	PHYSIOLOGICAL MEASUREMENTS									
	DATE	Height (“)	Weight (#)	BMI	Sys BP	Dias BP	Pulse	Resp	Temp (F)	COMMENTS
111	1998-08-18	67	136	21.3	117	79				BP sometimes fluctuates
112	2000-12-24	67	141	22.1	131	78	75			
113	2001-06-09	66.5	142	22.6	124	76	80		98.4	
114	2003-09-14	67	136	21.3	133	82				
115	2006-04-08	66.5	145	23.1	130	80	88			

Q	SYMPTOM SURVEY (2007-01-06) (Source: Self)	
116	HEENT	Tinnitus persists, L ear only, vision OK with glasses
117	Dental	Tender L TMJ region
118	Pulmonary	Rare cough, no wheezing
119	Cardiovascular	
120	GI	
121	Endocrine/Metabolic	Fatigue; occasional hot flashes

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Q SYMPTOM SURVEY (2007-01-06) (Source: Self)		
122	GU	
123	Ob-Gyn	
124	Musculoskeletal	Mild arthritis in knees
125	Neurological	Dizzy spells (vertigo), headaches
126	Dermatologic	
127	Psychological	
128	Other	

R	FOLLOW UP PLANS, REMINDERS	CREATED DATE	DUE DATE	COMMENTS	√
129	Bone density (DEXA) scan	2005	2008	Borderline in 2005	
130	Influenza vaccine		2007-09	Annually ^{t2}	
131	Repeat MRI if headaches continue		2007-05	Per Dr. Hammerli	
132	GI consult	2006	2006	Evaluate possible gluten enteropathy?	
133	Mammogram, screening		2007		
134	Pap test		2008	Every 3 years	

S	REPRESENTATIVES, ADVANCE DIRECTIVES	DETAIL, CONTACT INFORMATION
135	Durable Power of Attorney	Husband (Edgar Sample); Daughter (Miranda Childers)

T	INFORMATION SOURCES, PROVIDERS			
Ref	Name/Identification	Location	Phone/Email	Note
t1	Ophthalmology Associates, PC	1214 Lawrence St., Pilkerton, TX 77324	990-721-3434	
t2	Philip Nardish, MD	690 Coppersmith Way, Dearfield, TX 77021	990-323-6700	Primary Care Physician
t3	Gerald Fornsik, MD, Cleveland Clinic	9000 Euclid Blvd., Cleveland, OH 44321	216-977-1000	
t4	Saint Mary Hospital, Jillette, TX	8400 East Wilton Blvd., Jillette, TX 77445	990-776-8900	
t5	Quest Diagnostic Labs, Houston, TX	5012 Fannan Dr., Houston, TX 70985	217-955-4100	

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T INFORMATION SOURCES, PROVIDERS				
Ref	Name/Identification	Location	Phone/Email	Note
t6	Dr. Robert Jones, Saint Mary GI Associates	8410 East Wilton Blvd., Jilette, TX 77445	990-776-8444	
t7	Dr. James Smith, Saint Mary Pulmonary Group	8410 East Wilton Blvd., Jilette, TX 77445	990-776-3536	
t8	Charles Devine, MD, Saint Mary Neurology	8410 East Wilton Blvd., Jilette, TX 77445	990-776-3899	

CERTIFICATION		"I certify that the above information is the product of my professional review and summary of the medical records provided to me."			
Ref	Name	Degree	License No.	State	Signature
c1	Michael S. Victoroff	MD	22324	CO	
c2	Edwina Robertson	RN	72102	AZ	

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