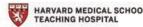
OpenNotes: A patient perspective

Liz Salmi







l am a patient

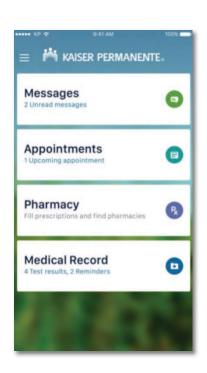
2005



What mattered to me at 25

- ✓ Nice website
- ✓ Make appointments
- ✓ Email doctor
- ✓ View test results
- ✓ Order prescription refills



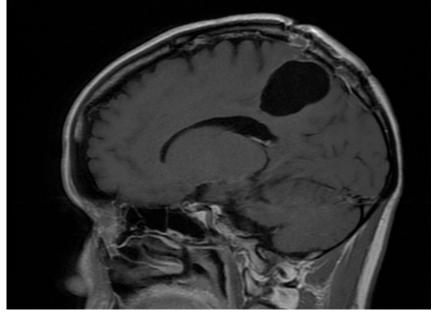


My 29th birthday

July 18, 2008My 29th birthday



July 25, 2008 Astrocytoma





My blog -> TheLizArmy.com



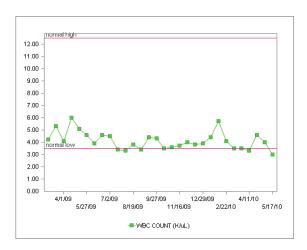




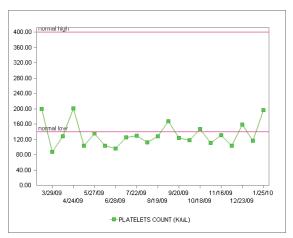




@TheLizArmy









When my husband and I learned our health insurance would be changing from Kaiser (HMO) to a PPO (plan to remain anonymous), we had just one concern: How would we manage my care?

We had three priorities:

- I. Have access to top-notch neuro-oncologists at health systems connected to advanced treatments and clinical
- 2. Have affordable payments for MRI scans, which are the only accurate screening tool for brain tumors
- 3. To not go bankrupt in case my tumor decides to grow and I end up back in active treatment (which may include another craniotomy, biopsy, radiation, chemotherapy, or clinical trial)

Choosing a neuro-oncologist

My first step in picking a new neuro-oncologist was to ask my Kaiser neuro-oncologist where I should go for care. I sive in Sacramento, CA, so my local options included the UC Davis Health System and Sutter Health, which both have neuro-oncology programs. (I could have also considered Dignity Health, but they do not specialize in neurooncology.) With the PPO plan, I could also choose from UCSF and Stanford, which are both known for having world class neuro-oncology teams. or immediately said Lebould on to University of California. San Francisco (UCSF) because of their

@TheLizArmy

Salmi, L. How I chose my new neuro-oncologist. The Liz Army. (10 July 2017) https://thelizarmy.com/2017/07/how-i-chose-my-new-neuro-oncologist



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- ✓ Change incorrect information
- ✓ Find out who has seen your health information

Printed record = \$725.40

Digital record = \$45 for 3 DVDs



4,836-page medical record

- ✓ Emails
- ✓ Lab results
- ✓ Surgical reports
- ✓ Pathology reports and biomarkers
- ✓ Clinical notes

Progress Notes Progress Notes by (M.D.) at 12/16/2016 3:31 PM Version 1 of 1 Author Type: Physician Service: (none)

Filed: 12/10/2010 3:30 PM (M.D.) (Physician) Note Time: 12/16/2016 3:31 PM Status: Signed

Neuro-Oncology Clinic Sacramento Medical Ce

Follow-up Patient Evaluation

Elizabeth Salmi is a 37 Y female who is seen today for follow-up of low grade astrocytoma WHO grade II. She has been on observation and we have been checking MRI scans every 6 months. She reports normal activities without any restrictions. She exercises regularly and has problems with strenuous physical activity. She has good compliance with medications. She takes her anti-convulsants consistently and has not had any breakthrough seizures.

Oncologic history:

She was diagnosed on July 25, 2008 after presenting with a generalized tonic-clonic seizure. She underwent a resection of the lesion on September 17, 2008 by Dr. in Sacramento, Pathological examination revealed a low grade astrocytoma WHO grade II with gemistocytic features. Surveillance MRI 3 months later showed enhancement in the resection cavity and she underwent a second resection on February 6, 2009. The pathology was the same which was confirmed with a second opinion at UCSF. Due to the presumed progression, she was offered adjuvant therapy and was advised to have temozolomide. She received temozolomide 150 mg/m2 5/23 for 24 cycles from 2/2009 to 4/2011.

Active Ambulatory Problems	
Diagnosis	Date Noted
PARTIAL EPILEPSY.	10/09/2008
ASTROCYTOMA, BRAIN GRADE 2	10/22/2008
LEFT SENSORINEURAL HEARING LOSS.	02/05/2009
 ANXIETY DISORDER DUE TO ANOTHER MEDICAL CONDITION 	02/11/2009
• ECZEMA	11/01/2010
CONGENITAL KERATOSIS PILARIS	01/11/2011
HX OF CHEMOTHERAPY	07/27/2011
HX OF CRANIOTOMY	07/27/2011
GENETIC CANCER RISK EVALUATION	11/17/2015

I have confirmed with the patient and/or the medical record the presence of the above diagnoses, and the diagnoses are followed or will be followed by his or her PCP or appropriate specialist.

History

Substance Use Topics

 Smoking status: Never Smoker · Smokeless tobacco: Never Used

Alcohol Use:

Physical Exam:

BP 127/67 mmHa | Pulse 59 | Temp(Src) 97.9 °F (36.6 °C) | Wt 156 |b (70.761 ka)

Constitutional: Appears well, no distress

Mental status: Alert, oritented X 3, able to name and repeat, good fund of knowledge, normal comprehension Gait: Normal,

Secondary Review of Imaging:

MRI brain 12/12/16, 7/21/16, 4/26/13 are reviewed. There is a left parietal lobe resection cavity with small areas of FLAIR hyperintensity around it (residual tumor). There is no enhancement. The scans are stable and there is no evidence of growth.

Pathology:

Diffuse Fibrillary Astrocytoma WHO grade II

IDH mutant

ATRX mutant

MGMT methylated

Clinical Summary:

Elizabeth Salmi is a 37 Y woman with a left parietal lobe low grade astrocytoma WHO grade II with gemistocytic features. She had two resections (9/2008 and 2/2009) and 24 cycles of temozolomide 150 mg/m2 completed in April 2011. She is currently stable without any evidence of disease progression clinically and radiographically. She is being followed closely with clinical examinations and MRI scans. We will continue observation and surveillance MRI scans.

We will maintain current doses of anti-seizure medication and continue to observe.

Assessment:

- Neuro-Oncology: low grade astrocytoma, WHO grade II, left parietal lobe, stable
- Epilepsy, localization related, good control

Plan is as follows:

- Neuro-Oncology therapy: continue surveillance MRIs, no active treatment indicated at this time.
- MRI: 6 months
- Seizures: continue levetiracetam 1500 BID, lacosamide 200 mg BID
- Symptom management: None
- Social issues: none
- Psychological: no significant problems
- Advance directives status: completed
- Follow-up: 6 months

The total visit time face to face with the patient was over 30 minutes. Time spent in counseling and discussion with the patient was over 25 minutes. Topics discussed: diagnosis, imaging findings, prognosis and follow-up plan.



INTERVAL HISTORY:

The patient was last evaluated in the neuro-oncology clinic in October 2008. Since that time, her main issue has been related to difficult seizure management. She has had increasing frequency with a changing characteristic to the seizures over the past few months. The last seizure occurred on Jan. 14th and was a partial seizure. Her aura is now "feeling a little out of it... Things aren't clear... Then something more happens... I'll take ativan... And then afterwards get dizzy, can feel my eyes twitching". It starts in the right hand, stating "it doesn't really feel like it belongs to me" and then may progress up the arm or over the chest. This often causes more anxiety. She notes on Dec 21 had an episode where her chest was "pulsating" and Bret noted "her abdomen was quivering." He had to call 911 at that time.





Patients like me are created every day























change.org





Of the 40,000 Google searches made every second, 2,000 are health-related

Published research →

Annals of Internal Medicine

Journal of the American Medical Association

New England Journal of Medicine

American Journal of Medicine

Journal of American Health Information Management Association

British Medical Journal of Quality and Safety

Journal of the American Medical Informatics Association

Academy of Medicine

Journal of General Internal Medicine

BMJ (British Medical Journal)

Journal of Medical Care

Journal of Medical and Internet Research

The Joint Commission Journal on Quality and Patient Safety

Journal of the International Association of Providers of AIDS Care

American Medical Informatics Association

Journal of the American College of Radiology

Journal of Hospital Medicine

Health Expectations

New England Journal of Medicine Catalyst

BMC Medical Informatics and Decision Making

Society of General Internal Medicine Forum

opennotes.org/case-for-opennotes

Patients who read notes...

- Have a better understanding of their health and medical conditions
- Better recall and follow their care plan
- Feel more in control of their health
- Take better care of themselves
- Do a better job taking medications as prescribed
- Can identify inaccuracies in the record and play a role in the safety of care
- Feel comfortable sharing notes with care partners and others involved in their care
- Can communicate more clearly, helping to strengthen the partnership between themselves and their health care team

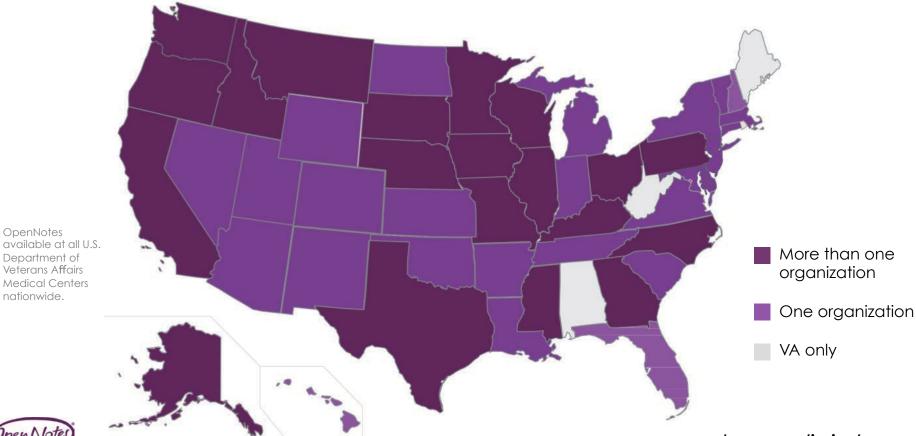
People are capable of amazing things

You can make it easier for patients to be engaged

Transparency is logical & ethical



17+ million people have access to clinical notes





opennotes.org/join/map

5% of U.S. population

Larry Weed, MD



"A doctor has to be a guidance system. He is not an oracle that knows answers. And once he accepts the concept of being a guidance system ... the record suddenly becomes an unbelievably important document in education, in care, and in research ... The new knowledge we need now is how to use knowledge."

Internal Medicine Grand Rounds, 1971

Are you a patient?

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Patients & Doctors on the Same Page





Thank you

Liz Salmi, Senior Multimedia Communications Manager **Isalmi@bidmc.harvard.edu**

@TheLizArmy



