

**The Blue Button Narrative** re-envisioned the medical record to be a document that captures the relationship between various stages of life and actively engages the patient in their own health. Our team decided to regroup information based on their purpose, resulting with primary information on the front page, leading into secondary and tertiary information.

The front page serves as a snapshot of the patient's overall health. Containing information most relevant to health care providers or caretakers in case of emergency. The front page of the document can be posted at home or carried around in a wallet as a tear-off card for reference.

## Ellen Ross MEDICAL BACKGROUND

BASIC INFORMATION		GUARDIAN	
GENDER	Female	CONTACT	<i>Ellen's Sister</i>
BIRTH	03/07/60	415-555-1229	
LANGUAGE	English		
MARITAL	Married	ADDRESS	
ETHNICITY	Asian	17 Daws Road	
RELIGION	Christian	Portland, OR 97006	

PROVIDER	
Ashby Medical Center	415-555-1200
1002 Healthcare Dr	
Portland, OR 97266	

### ALLERGIES

Ranked the severity of Ellen's reaction

	<b>Bee Stings</b>	<b>SEVERE REACTION</b>	
	Anaphylactic Shock		
	<b>Penicillin</b>	<b>SEVERE MODERATE REACTION</b>	
	Hives		
	<b>Codeine</b>	<b>MODERATE REACTION</b>	
	Shortness of Breath		

### PRESCRIBED MEDICATION

Medication Ellen is currently taking

	<b>Acetaminophen with codeine</b>	
	<b>General Pain Reliever</b>	
	PRESCRIBED March 28, 2005	
	by Ashby Medical Center	
	2 puffs once a day	
	<b>Indomethacin</b>	
	<b>Arthritis Pain Reliever</b>	
	PRESCRIBED December 10, 2003	
	by Ashby Medical Center	
	50mg twice a day with food	

### IMMUNIZATIONS

Ellen has received these immunizations

	<b>Influenza Virus Vaccine</b>	
	<b>Prevents you from contracting</b>	
	<b>the flu</b>	
	COMPLETED May 2001	
	50 / mcg intramuscular injection	
	Possible flu-like symptoms for	
	three days	
	<b>Tetanus and diphtheria toxoids</b>	
	<b>Prevents you from contracting</b>	
	<b>tetanus or diphteria</b>	
	PRESCRIBED April 2000	
	50 / mcg intramuscular injection	
	Mild pain or soreness near injection	

The next page of events was designed to tell a left-to-right narrative, including details that informs the patient of the actions surrounding the event through colloquial language. A doctor may read only the left-hand column and be informed enough about the

event, but the right column empowers the patient to take charge of and understand their own health. This page works best to reduce uncertainty about future courses of action, including planned visits and plan of care.

## Ellen Ross MEDICAL HISTORY

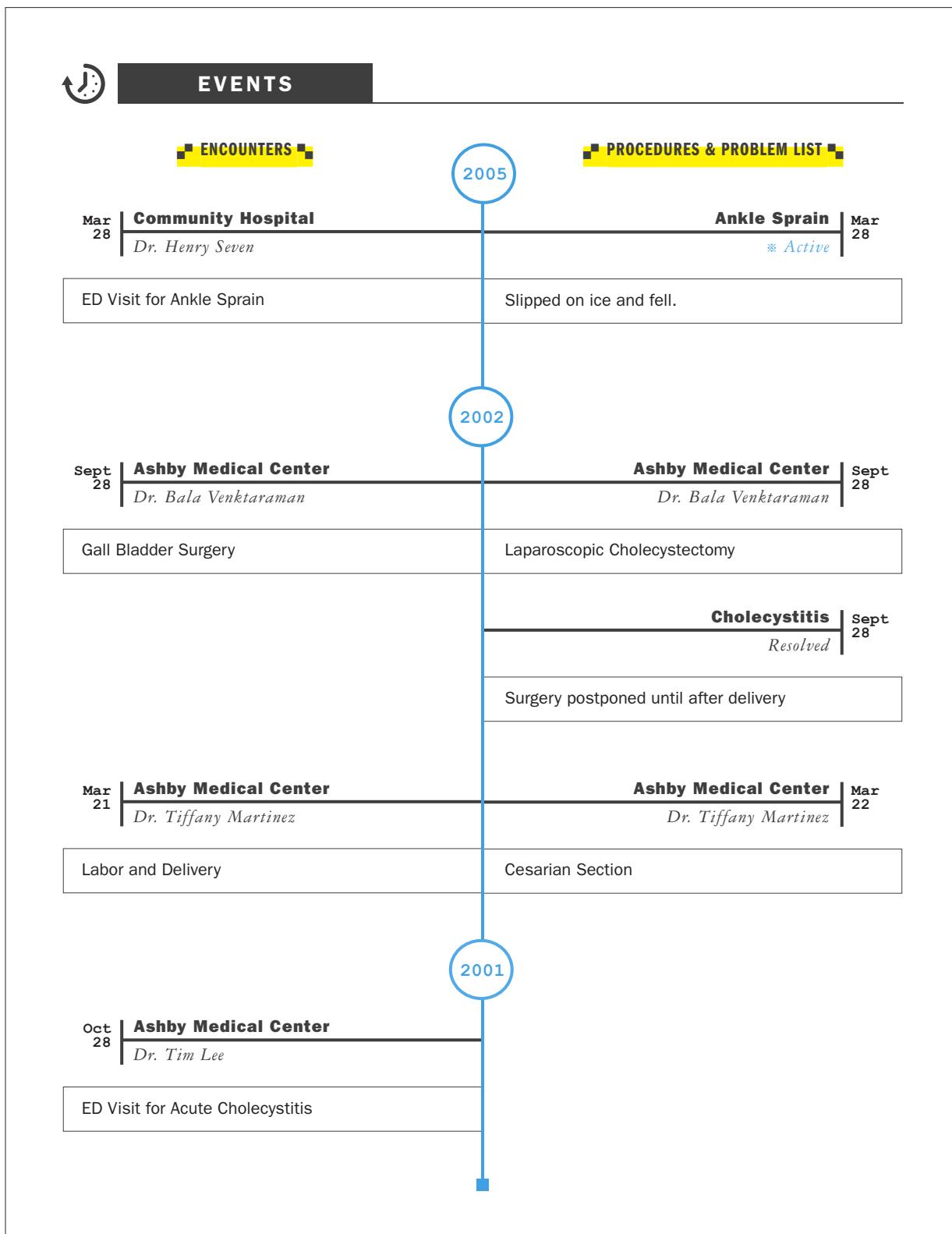
BASIC INFO: Female // 03/07/60 // Speaks English // Married // Asian // Christian  
GUARDIAN: Martha Shan, Sister // 816-276-6909 PROVIDER: Ashby Medical Center // 415-555-1200

MAR 28 <b>05</b>	<b>ENCOUNTER</b> <b>Dr. Henry Seven at Community Hospital</b> <b>DURING THE VISIT</b> <i>Patient slipped on ice and fell. Arrived at emergency dept. with ankle pain and swelling.</i> <b>THE RESULT</b> <i>Diagnosed as an ankle sprain. Prescribed acetaminophen with codeine for pain relief. Patient should rest as much as possible for the next four weeks.</i>	<b>ONGOING ACTION</b> <b>PRESCRIBED MEDICINE</b> <b>Acetaminophen with codeine</b> <b>2 puffs once a day</b> <b>HERE'S WHAT YOU CAN DO:</b> <i>You can speed recovery of a sprained ankle and reduce ankle swelling through rest, icing, elevation, and compression.</i> <i>Rest as much as possible — a sprained ankle can lead to chronic pain.</i>
APR 06 <b>04</b>	<b>IMMUNIZATION</b> <b>DURING THE VISIT</b> <i>Scheduled immunization for Hepatitis B.</i> <b>THE RESULT</b> <i>0.5 ml intramuscular injection immunization performed. Mild soreness at injection site.</i>	<b>TAKING ACTION</b> <b>HERE'S WHAT YOU CAN DO:</b> <i>You may have mild soreness at the injection site for the next few days.</i> <i>Stay up to date for future immunizations!</i>
MAR 10 <b>04</b>	<b>PROCEDURE</b> <b>Dr. Priya Subramanian at Tesla Vision Institute</b> <b>DURING THE VISIT</b> <i>Scheduled procedure for LASIK corrective surgery.</i> <b>THE RESULT</b> <i>Surgery was successful. Patient was discharged day of surgery.</i>	<b>TAKING ACTION</b> <b>HERE'S WHAT YOU CAN DO:</b> <i>LASIK is a fast outpatient procedure; however you'll need to take care for the next few weeks.</i> <b>Postoperative care instructions attached.</b>
NOV 10 <b>03</b>	<b>PLANNED VISIT</b> <b>Dr. Candice Shah at Ashby Medical Center</b> <b>DURING THE VISIT</b> <i>Scheduled annual physical exam. Patient reported pain and stiffness in her joints. Ordered lipid panel.</i> <b>THE RESULT</b> <i>Lipid panel results show increased cholesterol, HDL levels. Prescribed Indomethacin for onset osteoarthritis.</i>	<b>ONGOING ACTION</b> <b>PRESCRIBED MEDICINE</b> <b>Indomethacin</b> <b>50mg twice a day with food</b> <b>HERE'S WHAT YOU CAN DO:</b> <i>You can reduce your cholesterol by eating a healthy diet high in fiber and protein. Add exercise to your daily routine.</i> <i>Osteoarthritis symptoms increase with age. Adjust your routine to reduce stress on joints.</i>

**past history on next page!**

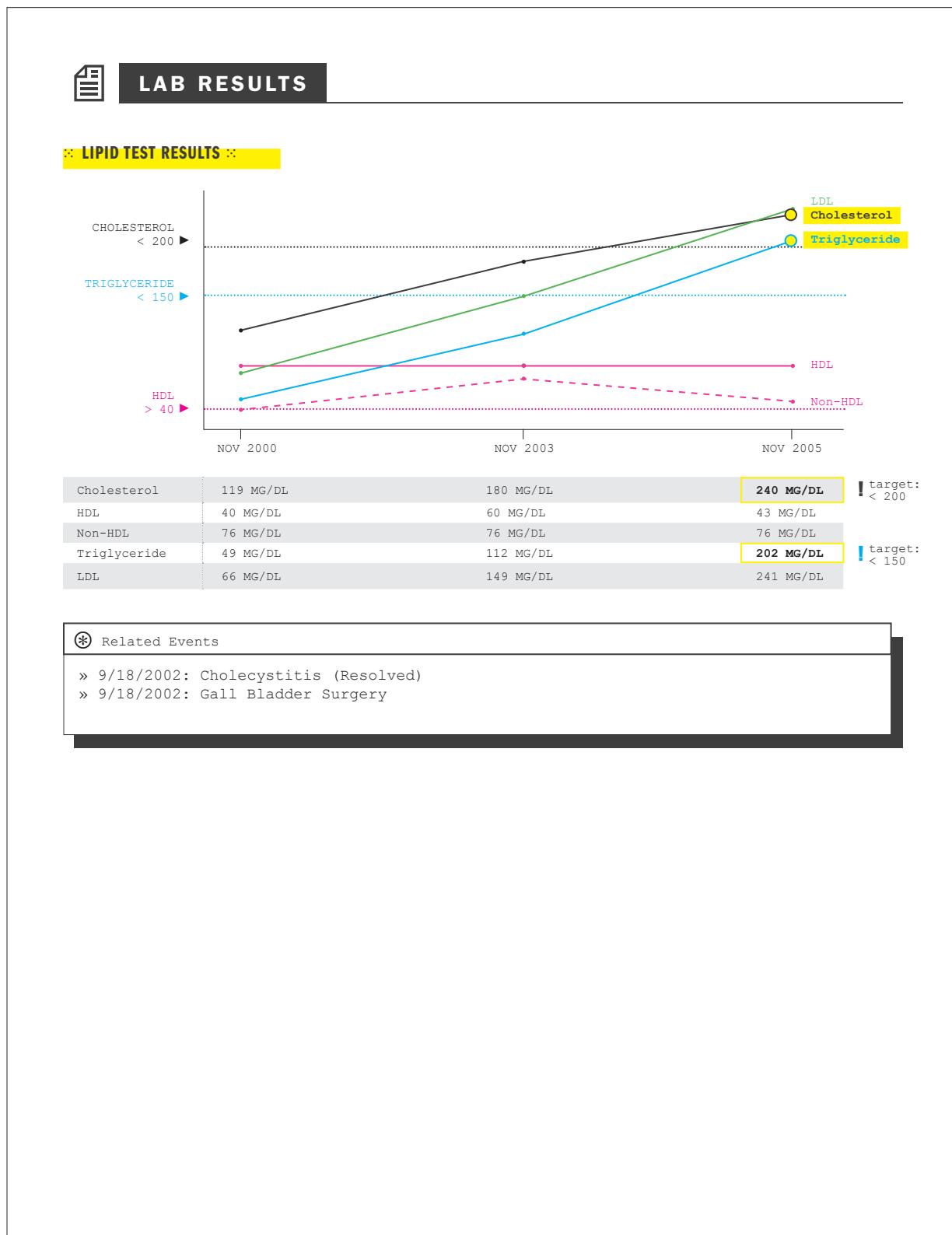
For historical events, we explored placing the events on one timeline, exposing the relationships between similar events that was nonevident before. This would

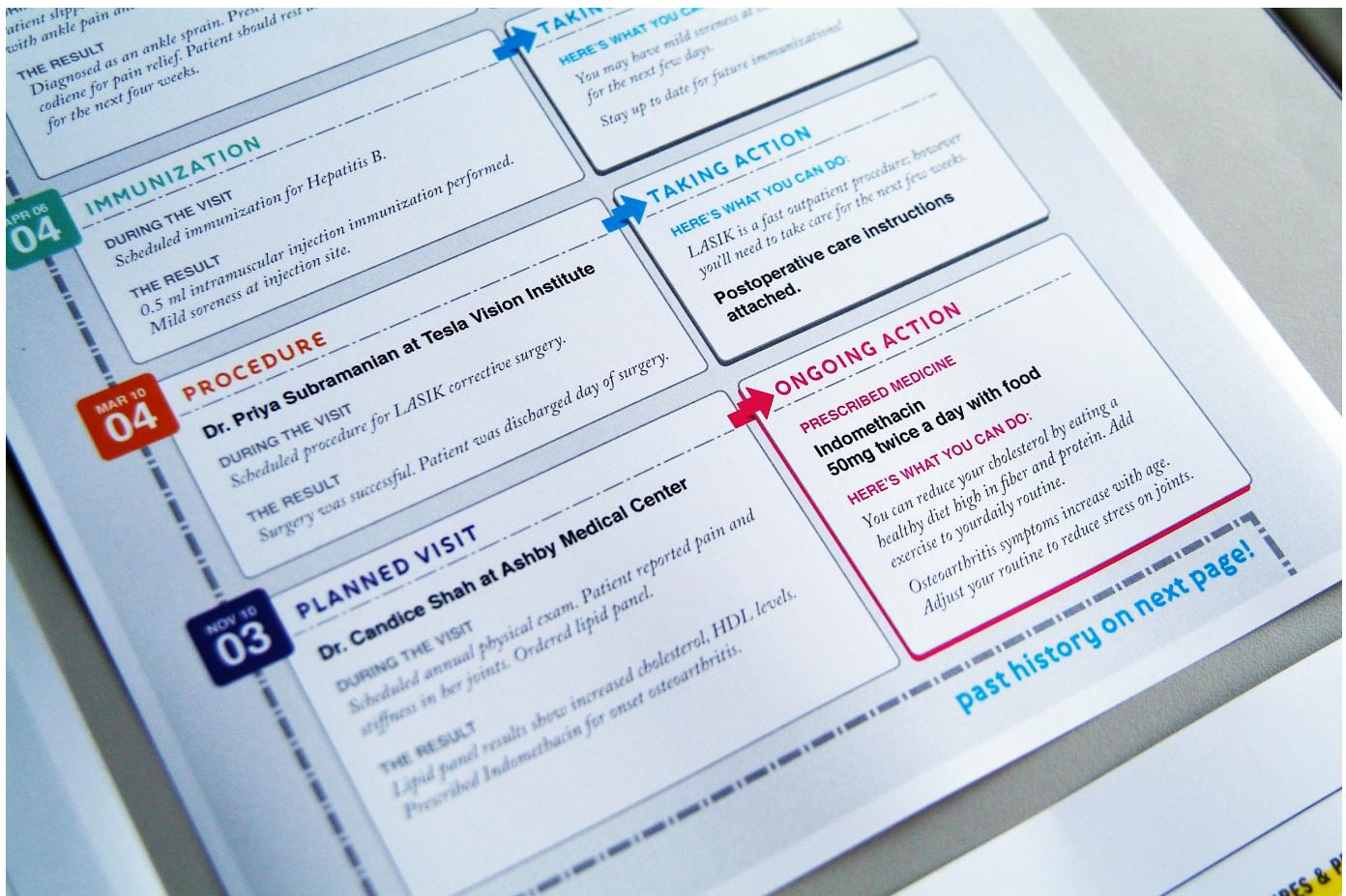
be highly useful in recalling the cause and affect of certain accidents and encounters. Extra detail may also be wrapped around to the back.

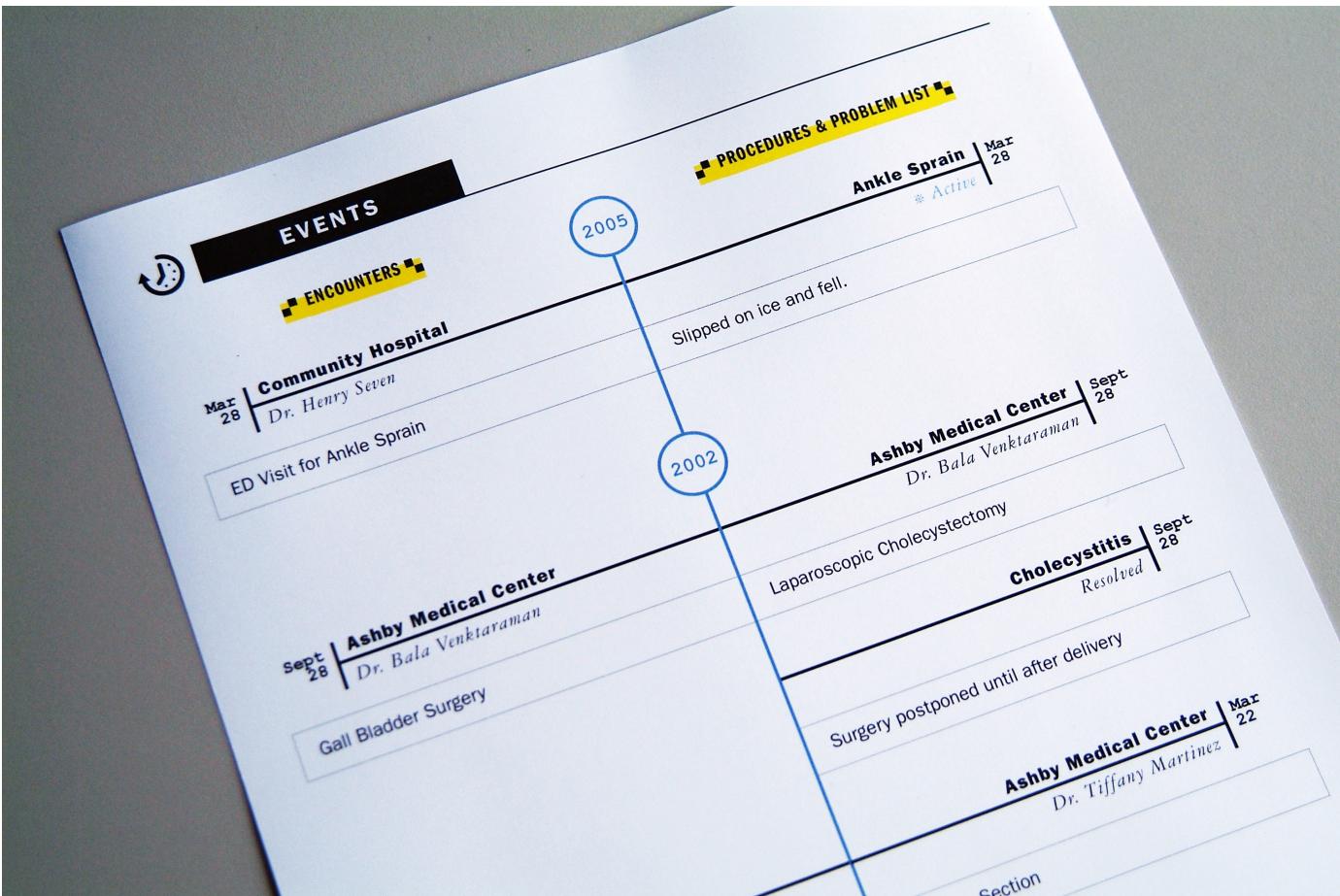


In redesigning the lab results page, we used lipid tests as an example of how data visualizations can unearth overall trends in a single glance. If the reader wants to investigate further, they can read the detailed summary below as well as refer to specific events listed on the time line that may have been linked to abnormal results.

Overall, the Blue Button Narrative seeks to unearth the relationships between life events and the patient's health to create a document that remains useful throughout multiple generations.







Ellen's reaction  
Ellen has received these immunizations

**PRESCRIBED MEDICATION**

Acetaminophen with codeine  
General Pain Reliever  
PRESCRIBED March 28, 2005  
by Ashby Medical Center  
2 puffs once a day

Codeine MODERATE REACTION  
Shortness of Breath

Indomethacin  
Arthritis Pain Reliever  
PRESCRIBED December 10, 2003  
by Ashby Medical Center  
50mg twice a day with food

**IMMUNIZATIONS**

Influenza Virus Vaccine  
Prevents you from contracting the flu  
COMPLETED May 2001  
50 / mcg intramuscular injection  
Possible flu-like symptoms for three days

Tetanus and diphtheria toxoids  
Prevents you from contracting tetanus or diphtheria  
PRESCRIBED April 2000  
50 / mcg intramuscular injection  
Mild pain or soreness

Ellen's reaction  
Ellen has received these immunizations

Healthcare Dr. Portland, OR 97266

## Ellen Ross MEDICAL HISTORY

BASIC INFO: Female // 03/07/60 // Speaks English // Married // Asian // Christian  
GUARDIAN: Martha Shan, Sister // 816-276-6909 PROVIDER: Ashby Medical Center // 415-555-1200

MAR 28  
**05**

### ENCOUNTER

#### Dr. Henry Seven at Community Hospital

##### DURING THE VISIT

Patient slipped on ice and fell. Arrived at emergency dept. with ankle pain and swelling.

##### THE RESULT

Diagnosed as an ankle sprain. Prescribed acetaminophen with codeine for pain relief. Patient should rest as much as possible for the next four weeks.

### ONGOING ACTION

#### PRESCRIBED MEDICINE

Acetaminophen with codeine  
2 puffs once a day

#### HERE'S WHAT YOU CAN DO:

You can speed recovery of a sprained ankle and reduce ankle swelling through rest, icing, elevation, and compression.

Rest as much as possible — a sprained ankle can lead to chronic pain.

APR 06  
**04**

### IMMUNIZATION

##### DURING THE VISIT

Scheduled immunization for Hepatitis B.

##### THE RESULT

### TAKING ACTION

#### HERE'S WHAT YOU CAN DO:

You may have mild soreness at the injection site for the next few days.

Check in to date for future immunizations!

## Ellen Ross MEDICAL HISTORY

BASIC INFO: Female // 03/07/60 // Speaks English // Married // Asian // Christian  
GUARDIAN: Martha Shan, Sister // 816-276-6909 PROVIDER: Ashby Medical Center // 415-555-1200

Dentist Appt. TOMORROW @ 3:30



Bill  
Alpine  
Store Manager - Chip Gozzi  
Card # \*\*\*\*-\*\*\*\*-\*\*\*\*-7322  
GDR EXPIRATION \$50  
PP ACTIVATION FEE  
\*\*\*\*\* CITY PINZ  
\*\*\*\*\* Sale Subtotal\*\*\* 58.94  
Account No. \*\*\*\*-\*\*\*\*-\*\*\*\*-6008  
ADP No.: 000299  
\*\*\* CREDIT CARD  
ITEMS PURCHASED: 3 58.94  
Your Cashier: SHIRLEY  
Purchase \$ 58.94  
Auth # 02591A #58005492619153617322  
Lane # 09 Exo Date \*\*\*/\*\*  
10/10/12 12:34 Cashier # 309  
EPS Sequence Ref/Ser# 097678  
Auth \$ 50.00  
Blackhawk \$ 58005492619153617322  
Auth # 000000 Lane # 09  
10/10/12 12:34 Cashier # 309 Ref/Ser# 097879  
EPS Sequence # 097879