

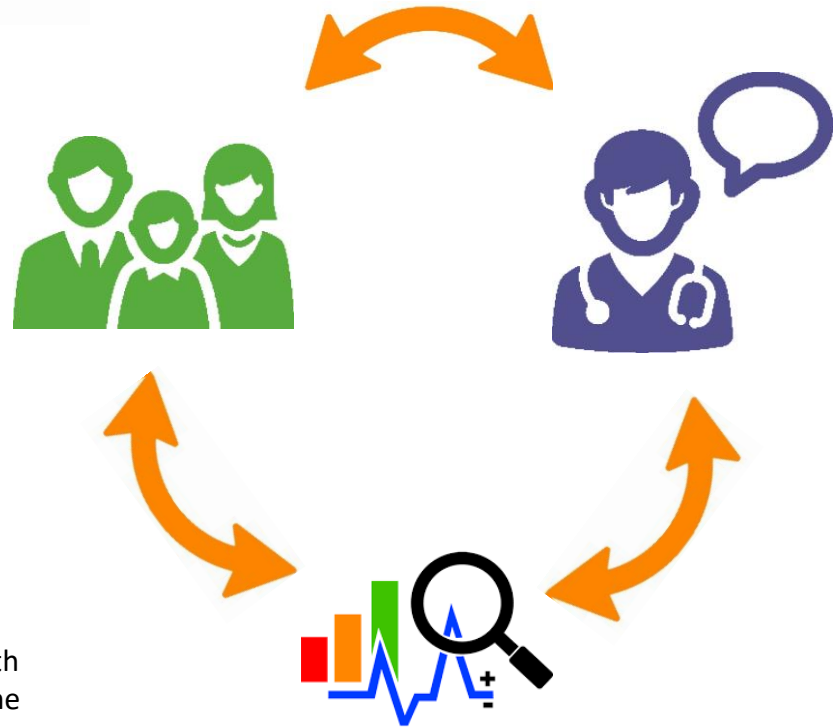
# Using Seizure Tracker to Keep Doctors Updated

May 15, 2020

Robert Moss

Co-Founder/President of [SeizureTracker.com](https://SeizureTracker.com)  
Father to Evan who lives with TSC

seizuretracker.com  
be aware. track it.



## Mission:

Dedicated to providing patients and doctors with free comprehensive tools to help understand the relationship between seizure activity and anti-epileptic treatments.

Empowering patients to take a more active role in their own health care.

# Past

**SEIZURE RECORD**

C - Clonus  
Y - Yawning  
N - Nausea  
G - Gurgling  
S - Spitting  
V - Vomiting  
D - Drooling  
B - Biting  
L - Licking  
H - Hiccups  
P - Prolonged  
R - Rhythmic  
T - Tonic  
C - Clonic  
M - Myoclonic  
A - Absence  
U - Unknown

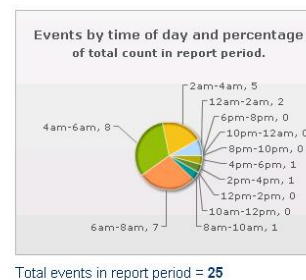
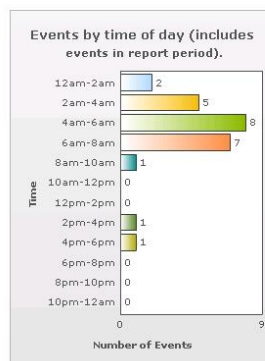
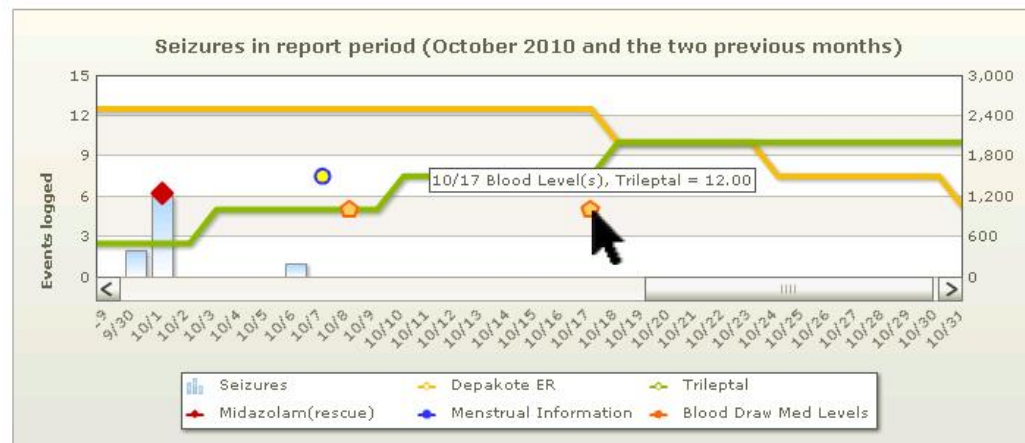
Intensity Scale  
1 = MILD  
2 = MODERATE  
3 = SEVERE

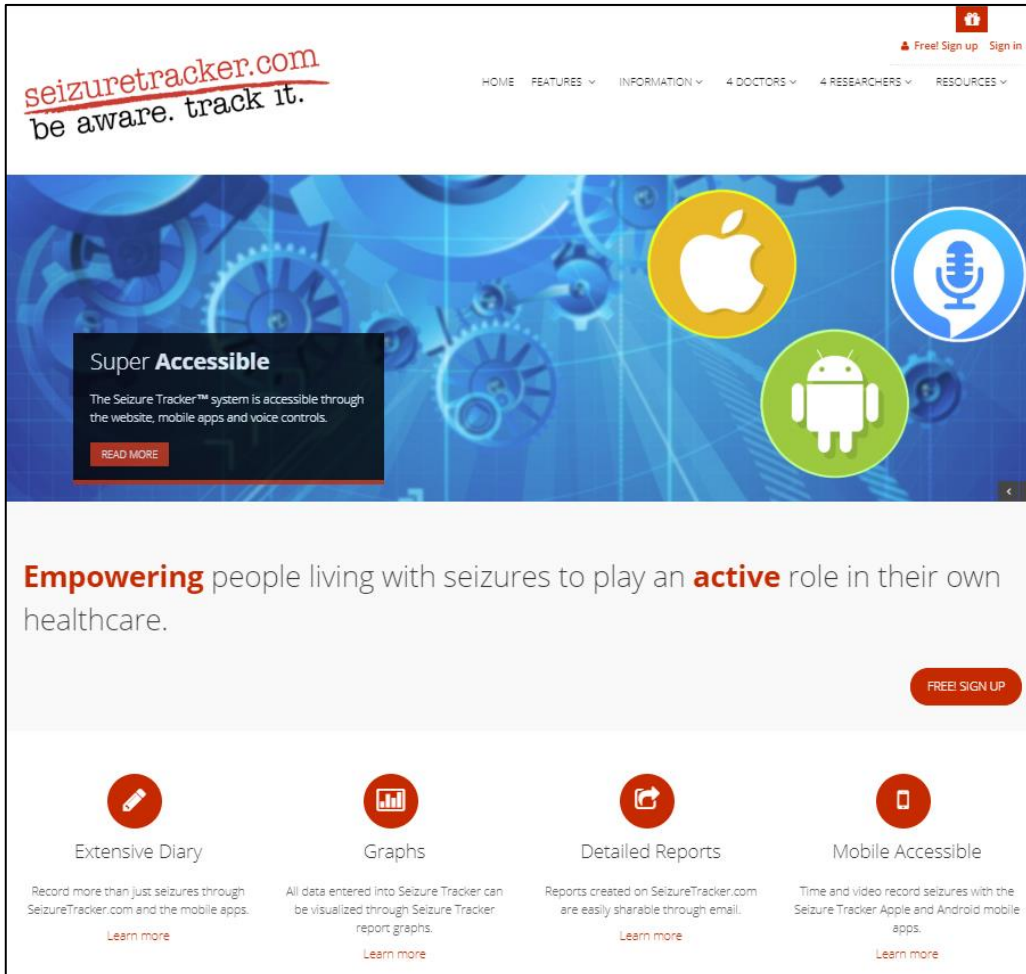
NAME: Ryan Moss, 2006

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Jan.																															
Feb.																															
March																															
April																															
May																															
June																															
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Dec.																															

Jan. 1 3 5 1 2 2 1 1 3 1 1

# Present





## Free Online

Launched in 2007

30,000+ Global Users  
250+ New Monthly

2,200,000+ Events Logged  
1000 Events Daily

62,000+ Medication Entries

### Features...

- Medication Management
- Event Time, Length and Type
- Medication Blood Levels
- Menstrual Cycle
- Glucose Levels
- Ketone Levels
- Daily Notes
- VNS Magnet Swipe
- Rescue Medications
- Daily Variables

# Points of Access



[www.SeizureTracker.com](http://www.SeizureTracker.com)  
Android Mobile  
Apple Mobile/Watch (NCH Collaboration)  
Alexa Home/Wearables/Etc.

# Rescue Medication Recording

Within a Single Event vs. Cluster (Acute Repetitive Seizure)

The screenshot displays the SeizureTracker.com website interface. A red banner at the top reads "SeizureTracker.com" and "SeizureTracker.com". Below this, a calendar for October 1, 2010, is visible. The main form is titled "September 17, 2010" and contains the following information:

- Patient's age: 19 years 9 months
- Number of events logged: 1
- Daily Medication Scheduled: Depakote ER 2500.00mg
- Today's Rescue Medications: Midazolam 3.00mL at 3:00 AM

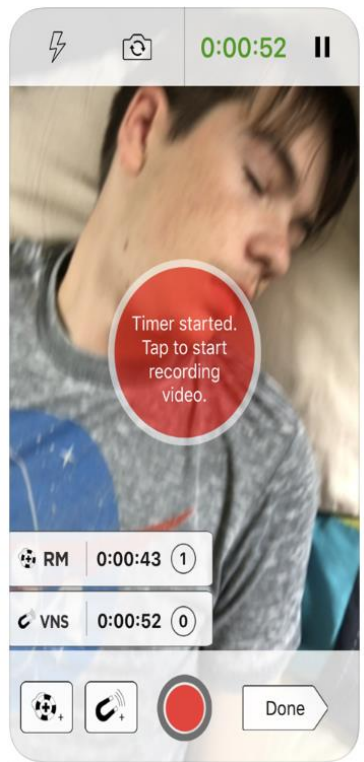
The form includes a "Record event" button and a "Clear Form" button. Below these, there are input fields for "Event entry", "Time", "Length", "Type", and "Mood". The "Event entry" field is set to "Flag It". The "Time" field is set to "1:00 am". The "Length" field is set to "0 hr(s) 0 min(s) 00 sec(s)". The "Type" field is set to "Simple Partial". The "Mood" field is set to "Normal".

At the bottom of the form, there is a section for "Post event" with checkboxes for "Unable to communicate", "Remembers event", "Muscle weakness", "Slurred speech", and "Other".

Website Data Features...

Rescue Medications (admin date /time)  
Event Time  
Time Length

# Mobile Rescue Medication Recording

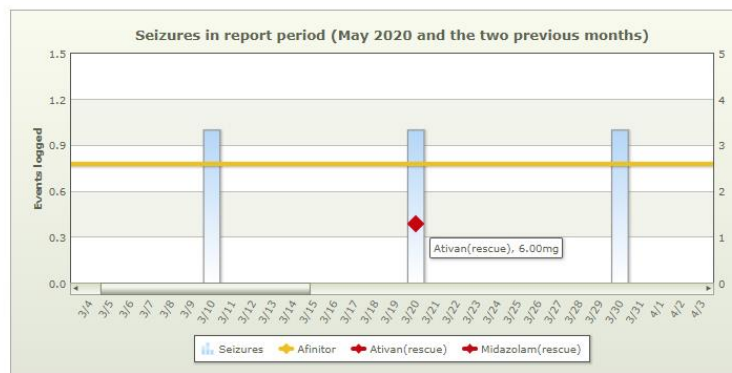


Alert Timer

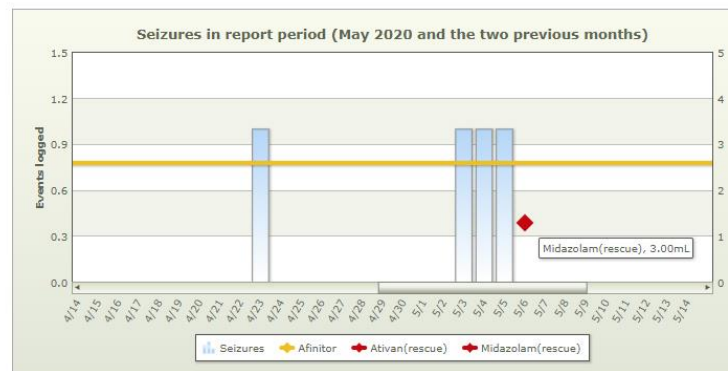
Rescue Med  
Administration  
Button

Mobile Quick Capture

Timer



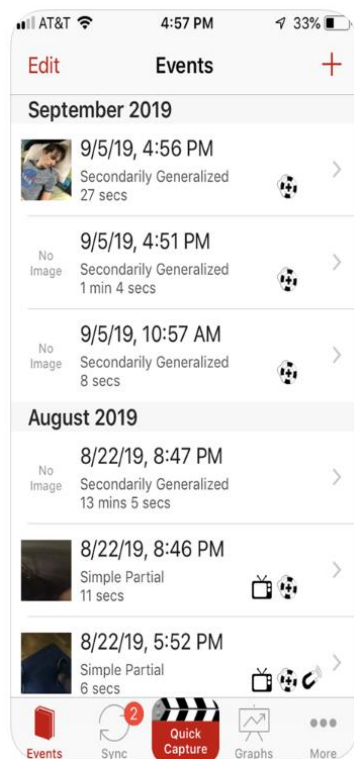
Within a single event



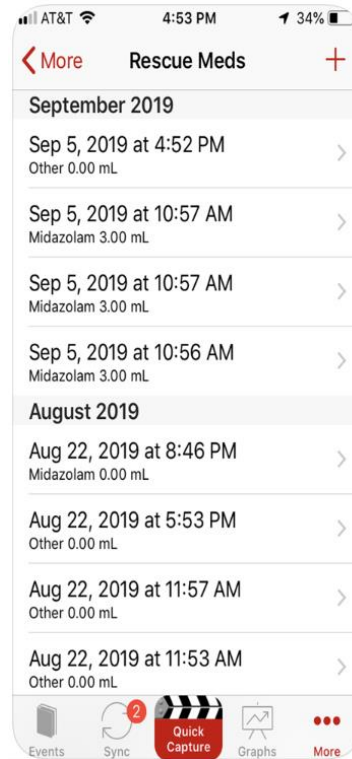
Within a Cluster (Acute Repetitive Seizure)

# Mobile Rescue Medication Recording

Within a Cluster



Navigate to  
Rescue  
Medication  
Tool

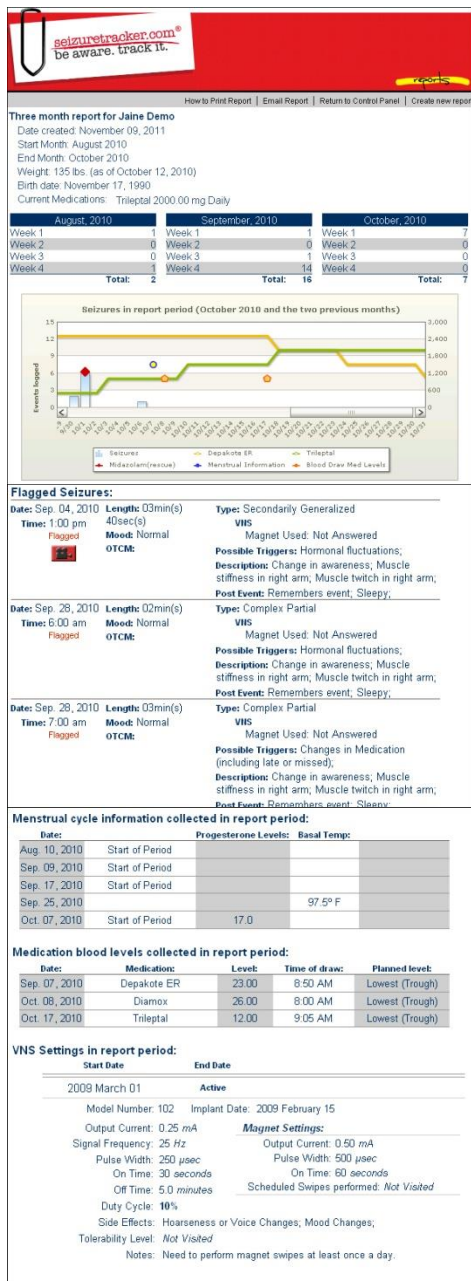


Add Rescue  
Medication  
Manually

Cancel	Rescue Med	Save
DETAILS		
Date Administered	5/15/20, 11:1...	
Medication	Midazolam >	
Dose	3.00	
Units	mL	
EVENT		
Set Event...	>	
NOTES		

Manually record  
admin details





# Seizure Tracker Reports

Profile Information

Seizure Counts By Month/Week

Email or Print Reports

Multiple Graph Types

Customizable

Include All Textual Data

Video Icon Links to Video Player

Medication / Treatment History

Flagged Seizure Activity

# Valet Management System

**seizure tracker**  
be aware. track it.

Return to Control Panel | Logout

**Valet Key List:**

Email Address	Name	Status	
EClinic@MCH.com	MCH Epilepsy Clinic	Active	<a href="#">Delete</a>

**Access:** [Edit](#)

Log Seizure Events	Log: Yes	Daily Appointments	Log: Yes
Medication Schedule	View: Yes Log: Yes	Contact Information	View: Yes Log: Yes
Rescue Medications	View: Yes Log: Yes	Account Settings	View: Yes Log: Yes
Diets (includes Ketones and Glucose)	View: Yes Log: Yes	Edit Password/Email	No
Vagus Nerve Stimulator	View: Yes Log: Yes	Valet System	View: No Log: No
Menstrual Cycle Information	Log: Yes	Update Weight	Yes
Daily Variables	Log: Yes	Create Reports	Yes
Daily Notes	Log: Yes	Email Reports	Yes

**Valet Key Invite:**

Send valet invitation to email below

Email [Preview Email Text](#)

Confirm Email

**Set Access: (View and Log/Edit)**

Log Seizure Events	<input checked="" type="radio"/> Yes <input type="radio"/> No
Medication Schedule	View <input checked="" type="radio"/> Yes <input type="radio"/> No Log/Edit <input checked="" type="radio"/> Yes <input type="radio"/> No
Rescue Medication Schedule	View <input checked="" type="radio"/> Yes <input type="radio"/> No Log/Edit <input checked="" type="radio"/> Yes <input type="radio"/> No
Diet History (Glucose and Ketones)	View <input checked="" type="radio"/> Yes <input type="radio"/> No Log/Edit <input checked="" type="radio"/> Yes <input type="radio"/> No
Vagus Nerve Stimulator History	View <input checked="" type="radio"/> Yes <input type="radio"/> No Log/Edit <input checked="" type="radio"/> Yes <input type="radio"/> No
Menstrual Cycle Information	<input checked="" type="radio"/> Yes <input type="radio"/> No

Manage Multiple User Accounts  
Access Level Choices  
Email Invites

**seizure log**

Return to Control Panel | Logout

Current Account: **Samuel Pratt**  
[Valet Key List/Account Settings](#)

Select a User Account to Manage: **Pratt, Samuel** [go](#)

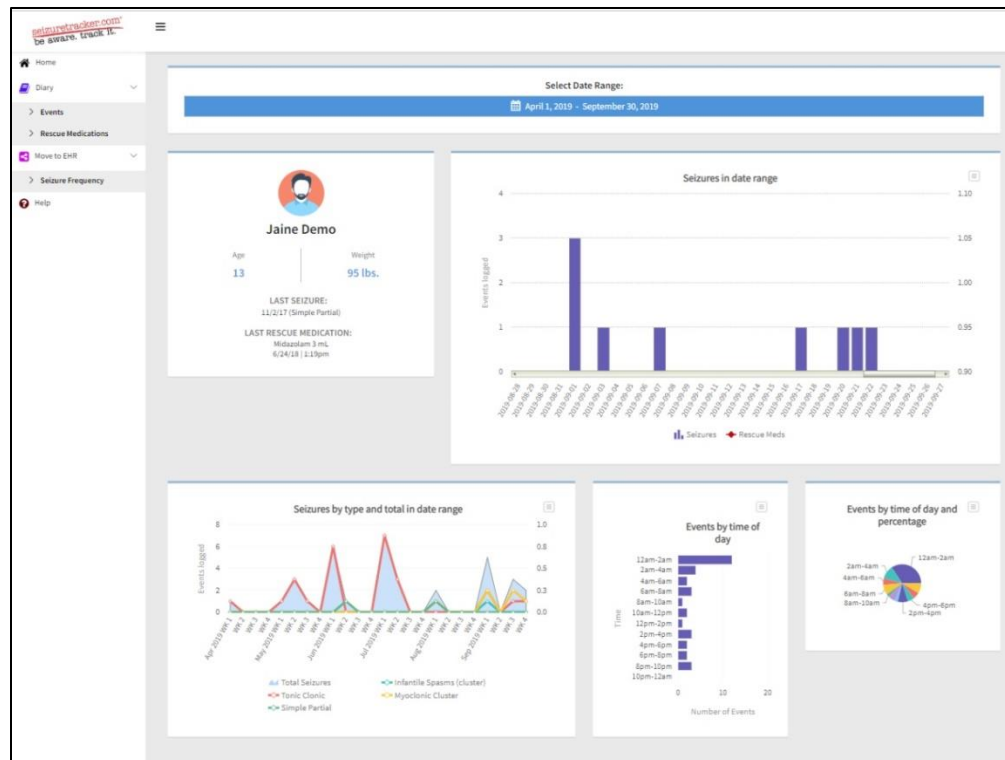
[Halle, Debbie](#)  
[Pratt, Samuel](#)  
[Smith, Mary](#)

Samuel's age: 21 years 2 months  
Number of events logged: 0  
Daily Medication Scheduled: No medication entered for today

June, 2012

Su	Mo	Tu	We	Th	Fr	Sa
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16

# Electronic Health Record Integration



## Clinical Dashboard

View inside/outside clinic visit  
Leverages Data Visualizations  
Connect through MyChart exchange

Epic -> Cerner - > Etc.

**Nationwide Children's Hospital** (primary development partner)  
**PELHS** collaboration

# Seizure Frequency

The screenshot shows the seizuretracker.com web application interface. The top left corner features the logo and tagline 'seizuretracker.com be aware. track it.'. A sidebar on the left contains navigation links: Home, Diary, Events, Rescue Medications, Move to EHR, Seizure Frequency, and Help. The main content area displays a patient profile for 'Jaime Demo' with age 13 and weight 95 lbs. Below the profile, there are three sections: 'LAST SEIZURE RECORDED', 'LAST GTC RECORDED', and 'LAST RESCUE MEDICATION'. Each section contains input fields for Type, Date, Time, and Name. The 'LAST SEIZURE RECORDED' section shows a Simple Partial seizure on October 12, 2018, at 10:47 am. The 'LAST GTC RECORDED' section shows a seizure on September 4, 2018, at 3:12 pm. The 'LAST RESCUE MEDICATION' section shows Midazolam taken on July 11, 2018, at 8:01 pm. At the bottom, there is a 'FREQUENCY' section showing a monthly average count of 23 over the last 3 months, with 'Reset' and 'Save To EHR' buttons.

seizuretracker.com  
be aware. track it.

Home  
Diary  
Events  
Rescue Medications  
Move to EHR  
Seizure Frequency  
Help

**Jaime Demo**  
Age: 13 | Weight: 95 lbs.

**LAST SEIZURE RECORDED**

Type: Simple Partial  
Date: October 12, 2018  
Time: 10:47 am

**LAST GTC RECORDED**

Date: September 4, 2018  
Time: 3:12 pm

**LAST RESCUE MEDICATION**

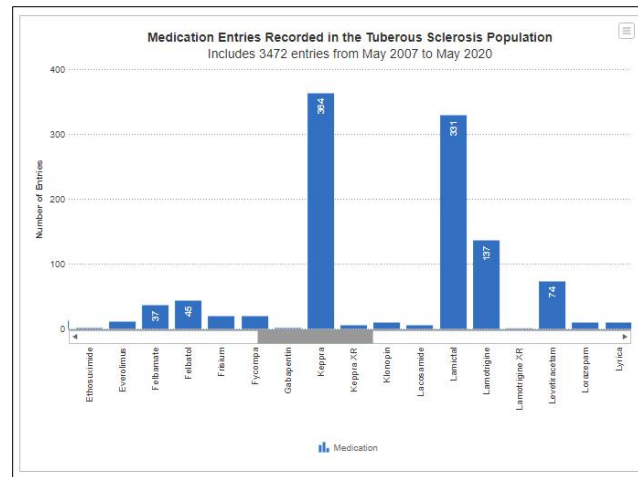
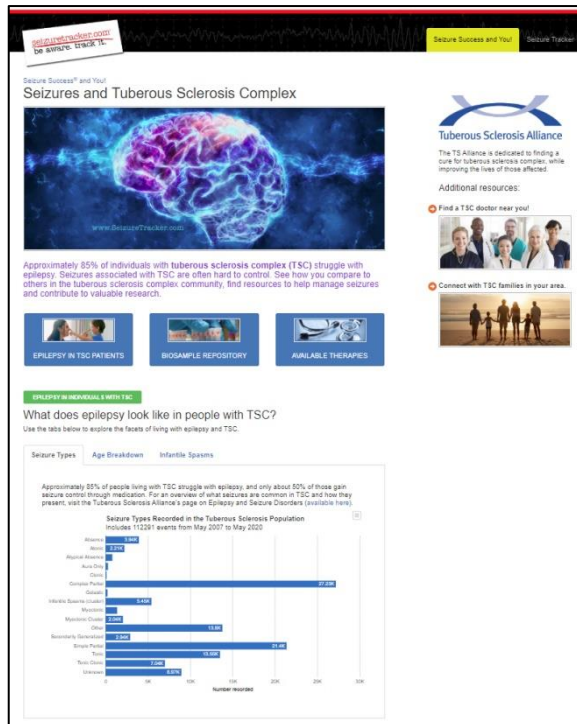
Name: Midazolam  
Date: July 11, 2018  
Time: 8:01pm

**FREQUENCY**  
Monthly average count over the last 3 months:  
23

Reset Save To EHR

Stores in EHR  
Standardized data (PELHS)  
Pushed from ST  
Research potential

# New Collaborations



## Natural History Database Data Sharing

Link your Seizure Tracker data with the TS Alliance Natural History Database and Bio-sample Repository

## Webpage Content

Dynamic population representations  
TSC/Epilepsy specific treatment info  
*SSY found on the Seizure Tracker home page*  
*"Resources" tab*