

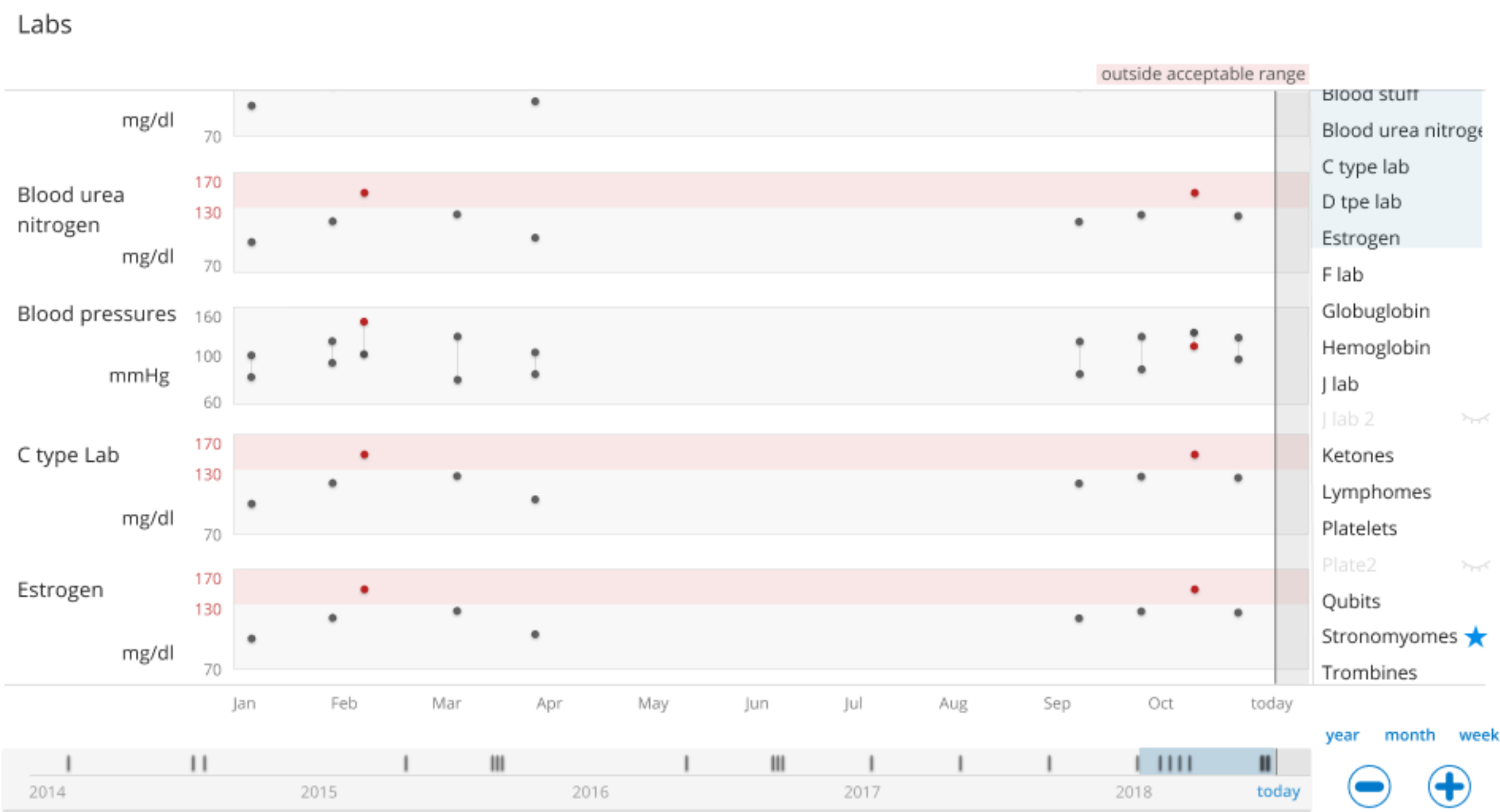
MITRE / FLUX NOTES **CONCEPTS v17 – Labs, Clinical Trials, Derived, Med Resources**

DANIEL REEVES, JUHAN SONIN, 5.Apr.2019



I ITERATIONS: LABS AND VITALS

Initial State. The user has previously, in an earlier session, hidden two labs and starred one.



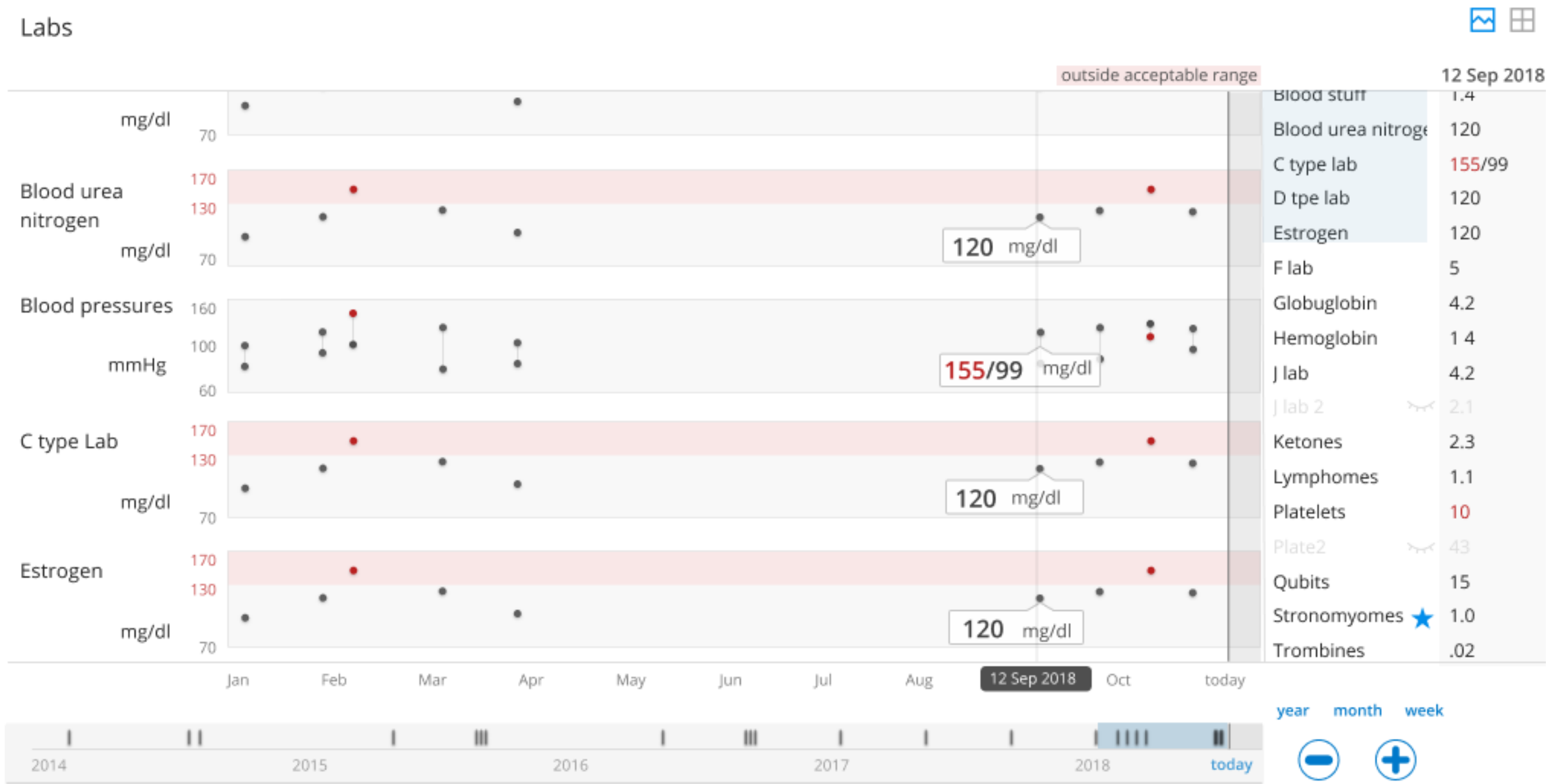
The user hovers over an element in the picker. It highlights and exposes "hide" and "star" interactions. Starring can also be applied along the left hand side.



Starred charts are additionally shown at the top of the list in a special starred group.



The user selects a data point, thereby selecting the DATE. This displays all values for that date both on the chart itself and on a separate value list to the side of the picker.



In table mode, the time window is fixed to whatever fits in the screen, although it can still be panned left and right along the timeline. The picker is gone, and starring can still be done along the title row. Again, starred labs/vitals appear again at the top of the list (not shown).

Labs



		2017		2018						
		Mar 10	Oct 22	Dec 22	Feb 2	Feb 26	Mar 2	Mar 15	Apr 10	Apr 12
Blood urea nitrogen	units	4	4	4	4	4	4	4	4	4
C type lab	units	5	5	5	5	5	5	5	5	5
D type lab	units		6	6	6		6	6	6	6
Estrogen	units		7	7	7		7	7	7	7
F lab	units		1	1	1		1	1	1	1
Globuglobin	units	3	3	3	3	3	3	3	3	3
J lab	units	4	10	4	4	4	4	4	4	4
Ketones	units	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Lymphomes	units						3	3		
Platelets	units						4	4		
Qubits	units	1	1		1	1	1	1	1	1
★ Stronomyomes	units	2	2		2	2	2	2	2	2
Transferrin	units					2.4				

2 REVISIT: CLINICAL TRIALS

Clinical Trials

Enrolled (1)

Trial	Start date	End date	Description
PATINA	4 Nov 2018	4 Nov 2018	Metastatic breast cancer trial with drug XYZAB

▼ Potential to enroll (6)


Trial	Criteria missing	select a trial at left to see enrollment details
ABRACADABRA	2	
PINTO	3	
Xanpax Phase II	6	
Another trial short name	7	
show 2 hidden trials		

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show 2 hidden trials

PINTO

Primary investigation in nano-tubular oncological treatment

Subjects will be randomized into one of two treatment arms following minimum of 4 and maximum of 8 cycles of induction treatment with anti-HER2 therapy. Arm A subjects will receive the experimental th...

[website](#)

start date: 5 Jun 2019

[ClinicalTrials.gov](#)

enrollment end: 1 May 2019

location: Boston, MA

Confirm eligibility

Biopsy confirming breast carcinoma

Confirm a date

Not smoker

×

✓

Not pregnant

×

✓

[show 11 satisfied criteria](#)

+ Insert enrollment in note

Clinical Trials

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[website](#)

start date: 5 Jun 2019

[ClinicalTrials.gov](#)

enrollment end: 1 May 2019

location: Boston, MA

Confirm eligibility

The patient satisfies all criteria and is eligible.

[show all 14 criteria](#)

+ Insert enrollment in note

3 DERIVED VALUES



SUMMARY

RECORD

CURATE

Patient
summary

Condition
summary

edit

Condition Summary Gastrointestinal stromal tumor

Name [Gastrointestinal stromal tumor](#)

Location [Stomach](#)

Clinical status [Remission](#)

Genomics [KIT exon 11 mutation+](#)

Biomarkers

— Disease status [go to disease status](#)

Disease status [Complete response](#)

As of [24 Jan 2019](#)

Rationale [missing](#)

— Treatment [go to medications](#) [go to procedures](#)

Imatinib 400mg tablet [pre-adjuvant](#) 22 Feb 2019 —

Surgery

— Key toxicities

computed treatment type

The medication is pre-adjuvant based on the related surgery date

× remove label, "pre-adjuvant" is incorrect

+ insert "Imatinib 400mg tablet, pre-adjuvant"

open source note

Dr. Freedom Brown 22 Feb 2019

— Diagnosis

Diagnosis date [25 Dec 2016](#)

Recurrence date N/A

Mitosis [20 per 50 HPF](#)

Tumor size [8 cm](#)

Histological grade [2 \(moderately differentiated\)](#)

Clinical stage [IIIA](#)

Pathological stage [missing](#)

— Lab results [go to lab results](#)

White blood cell [1.8](#) (10⁹/L) [24 Jan 2019](#)

Neutrophil [4.2](#) (10⁹/L) [24 Jan 2019](#)

Platelet count [210](#) (10⁹/L) [24 Jan 2019](#)

bin [14.8](#) (g/dL) [8 Feb 2019](#)



+ New note

Sort by [most recent](#)

+ Search filters

47 previous notes

2 Aug 2017
Clinical follow-up

Dr. Free2 Will
Dana Farber Cancer Insti...

20 Jun 2017
Clinical follow-up

Dr. Free2 Will
Dana Farber Cancer Insti...

14 May 2017
Clinical follow-up

Dr. Free2 Will
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8 May 2017
Clinical follow-up

Dr. Free2 Will
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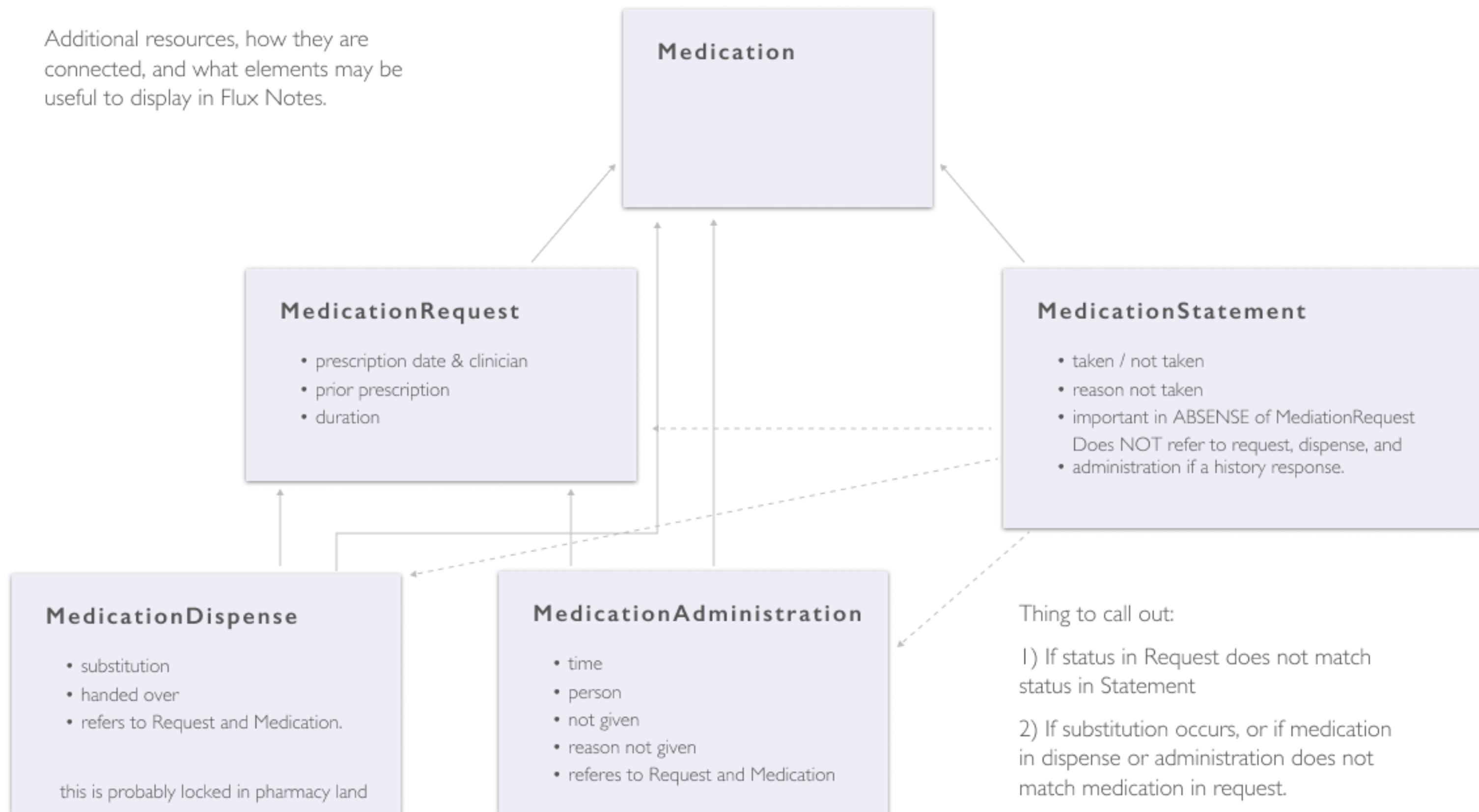
View 10 more clinical notes
from 2015 - 2017

NameGastrointestinal stromal tumor						Sort by most recent	
LocationStomach				Diagnosis date25 Dec 2016		+ Search filters	
Clinical statusRemission				Recurrence dateN/A		47 previous notes	
GenomicsKIT exon 11 mutation+				Mitosis20 per 50 HPF		2 Aug 2017	
Biomarkers				Tumor size8 cm		Clinical follow-up	
Disease status		go to disease status		Histological grade2 (moderately differentiated)		Dr. Free2 Will	
Disease statusComplete response				Clinical stageIIIA		Dana Farber Cancer Insti...	
As of24 Jan 2019				Pathological stagemissing		20 Jun 2017	
Rationalemissing				Lab results		Clinical follow-up	
Treatment		go to medications		go to lab results		Dr. Free2 Will	
Imatinib 400mg tablet		pre-adjuvant		White blood cell		Dana Farber Cancer Insti...	
		22 Feb 2019		Neutrophil		14 May 2017	
Surgery		22 March 2019		Platelet count		Clinical follow-up	
				Hemoglobin		Dr. Free2 Will	
Key toxicities						8 May 2017	

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Key toxicities						8 May 2017	

4 ADDITIONAL MEDICATION RESOURCES

Additional resources, how they are connected, and what elements may be useful to display in Flux Notes.



Note that MedicationChange is no longer available. It appears that Prior Prescription adopts some of its functionality in MedicaitonRequest.