

MITRE / FLUX NOTES **PRE ENCOUNTER CARCINOMA OF BREAST v13 (SELECTED CONCEPTS)**

EDWIN CHOI, JUHAN SONIN, 2.MAR.2018



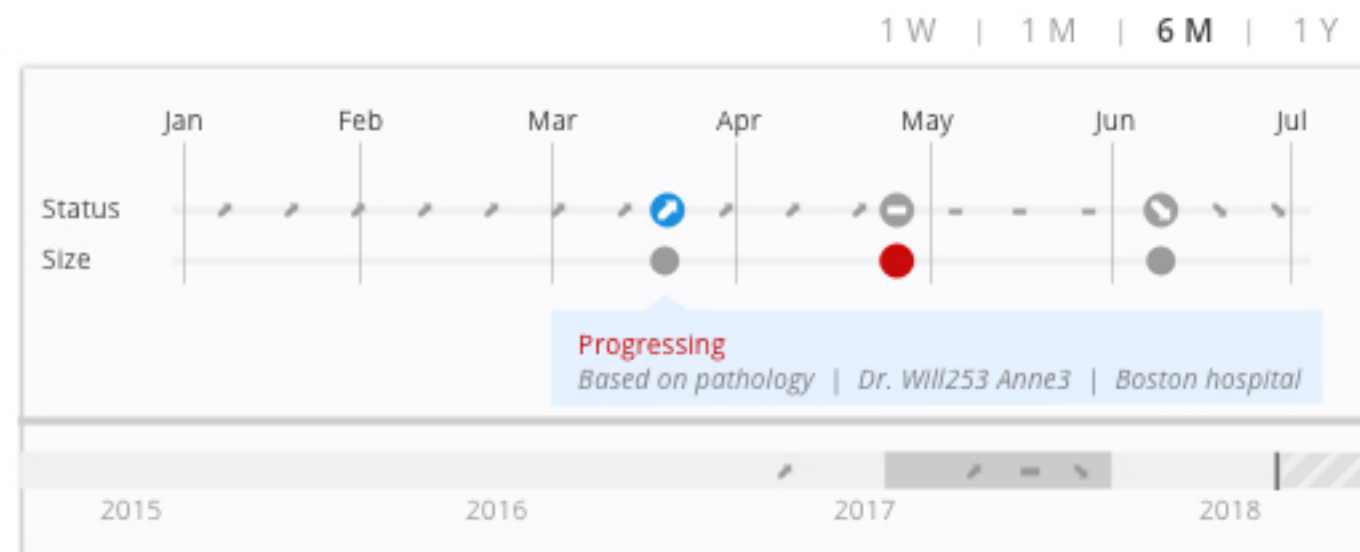
I TIMELINE VIEWS



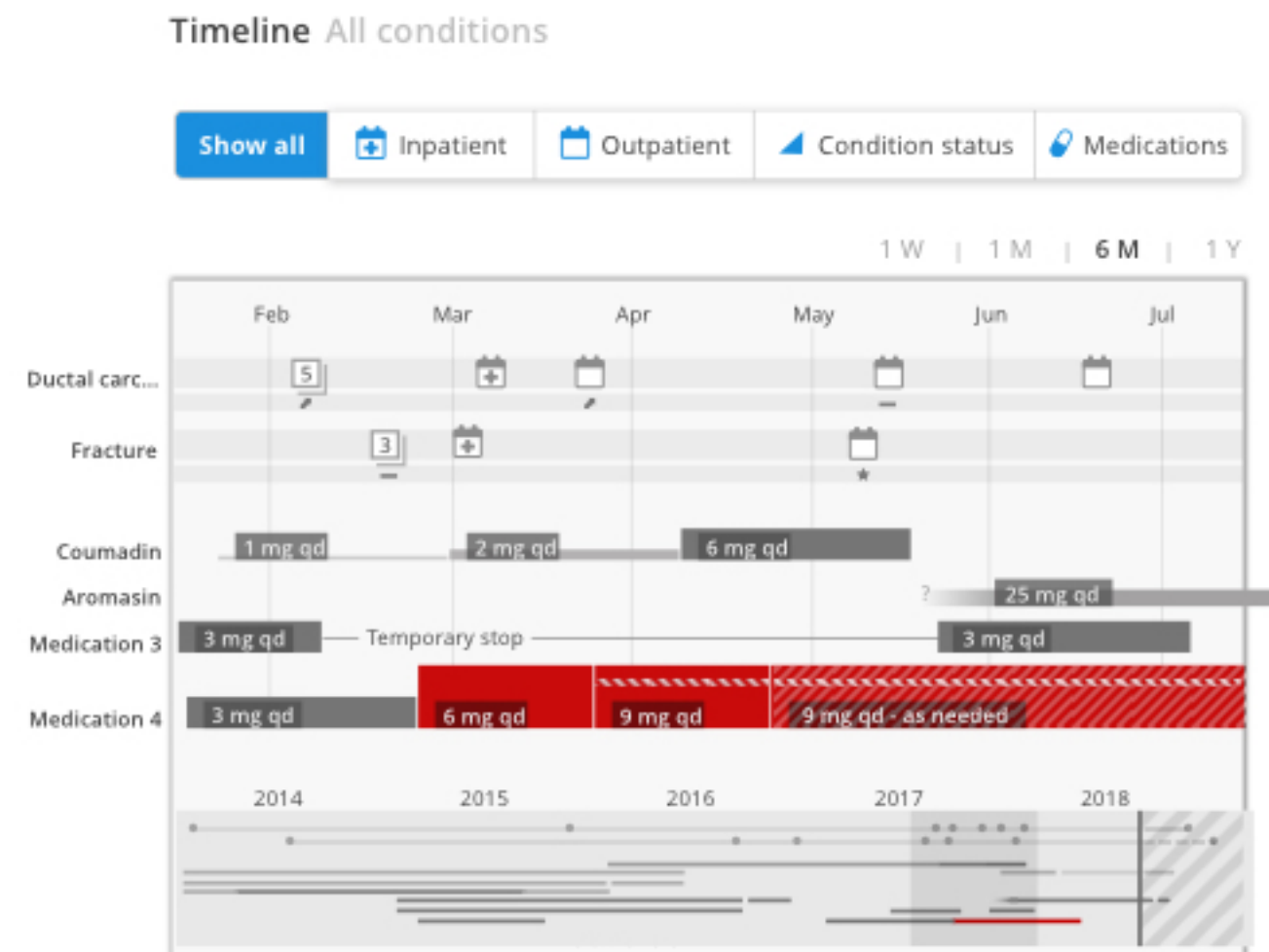
TIMELINE VIEWS

I.1 TIMELINE VIEWS (DISEASE STATUS)

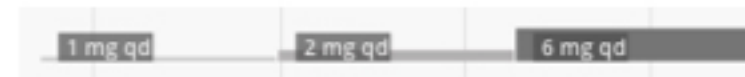
Disease status timeline



I.2 TIMELINE VIEWS (MAIN TIMELINE)



? — Denotes missing start or end dates for a medication



The height of the label that has the dosage and frequency inside, represents the max dosage. The height of the colored bar within that (or above, if it is past max dosage) denotes the dosage relative to the max dosage.



Diagonal hatching denotes 'as needed'. The additional white hatching within the bar denotes that the dosage is far beyond max dosage.

2 TABULAR VIEWS


2 TABULAR VIEWS

2.1 TABULAR VIEWS (ALLERGIES)

Tabular views emphasize only showing what information is immediately needed. Less important subsections of information are collapsed by default, and the user can expand and filter within them as they see fit. This saves vertical space, as well as provides targeted information.

Allergies All conditions  

Current allergies (6)

Allergy 	Severity	Effects
Peanut butter	Severe	Hives, swelling of the throat
Acetyl salicylic acid	Severe	Drowsiness, ringing in ears, wheezing
Docetaxel anhydrous	Moderate	Itchy skin, swelling in mouth
Pollen	Moderate	Watery eyes, scratchy throat
Amoxicillin	Mild	Flushing, lightheadedness
Iodinated contrast	Mild	Hives

[No known ____ allergies](#)

[No recorded data for ____ allergies](#)

> Allergy panels (6)

> Allergy timeline



Current allergies (6)

Allergy	Severity	Effects
Peanut butter	Severe	Hives, swelling of the throat
Acetylsalicylic acid	Severe	Drowsiness, ringing in ears, wheezing
Docetaxel	Moderate	Itchy skin, swelling in mouth
Pollen	Moderate	Watery eyes, scratchy throat
Amoxicillin	Mild	Flushing, lightheadedness
Iodinated contrast	Mild	Hives

▼ Allergy panels (6)

Allergy panel test on 10 May 2017

Allergy	Severity
Acetylsalicylic acid	Severe
Iodinated contrast	Mild
Milk	No reaction
Bee venom	No reaction
Pet dander	No reaction
Bee venom	No reaction
Pet dander	No reaction
Bee venom	No reaction
Pet dander	No reaction



Current food allergies (1)

Allergy	Severity	Effects
Peanut butter	Severe	Hives, swelling of the throat



Filtering functionality is accessible from the table header

2.2 TABULAR VIEWS (MEDICATIONS)

Medications All conditions



Current medications (6)

Medication	Dosage	Timing	Start	End
Adriamycin	6 10 ⁹ /L	6 cycles	10 Feb 2012	Missing date
Cyclophosphamide	10 mg	6 cycles	10 Feb 2012	30 Aug 2017
Tamoxifen	20 mg	qd	1 Nov 2013	13 Aug 2016
Letrazole	2 mg	qd	5 Sep 2015	1 Jun 2016
Coumadin	2 mg	qd	5 Mar 2015	1 Jun 2015
Aromasin	25 mg	qd	5 Oct 2014	1 May 2014

Current schedule

Medication	Instructions
Adriamycin	Take 1 tablet with breakfast
Cyclophosphamide	Take 1 tablet after breakfast
Letrazole	Take 1 tablet with breakfast
Aromasin	Take 1 tablet after breakfast
Tamoxifen	Take 1 tablet with dinner
Coumadin	Take 1 tablet an hour before sleeping

> Medication timeline (60)

Medication timeline (60)

Medication	Dosage	Timing	Start	End
Tamoxifen	7 mg	qd	2 Jun 2017	20 Jun 2017
Tamoxifen	5 mg	qd	5 Sep 2015	1 Jun 2017
Coumadin	2 mg	qd	5 Sep 2015	10 Mar 2017
Aromasin	25 mg	qd	10 Jan 2017	2 Feb 2017
Tamoxifen	20 mg	qd	1 Nov 2013	15 Jan 2017
Letrazole	2 mg	qd	20 Mar 2016	20 Jul 2016
Coumadin	2 mg	qd	1 Jan 2016	1 Jun 2016
Aromasin	25 mg	qd	5 Jan 2016	2 Feb 2016
Coumadin	2 mg	qd	5 Sep 2015	20 Dec 2015
Aromasin	25 mg	qd	5 Oct 2015	5 Dec 2015

Prev 1 2 3 ... 6 Next

1-10 entries of 60

Numbers within parenthesis in the subsection header refer to the number of entries within that subsection

> Medication timeline (60)

Medication	Dosage	Timing	Start	End
Tamoxifen	ACE Inhibitor		2 Jun 2017	20 Jun 2017
Tamoxifen	Beta blocker		5 Sep 2015	1 Jun 2017
Coumadin	Diuretic		5 Sep 2015	10 Mar 2017
Aromasin	Proton-pump inhibitor		10 Jan 2017	2 Feb 2017
Tamoxifen	Renin inhibitor		1 Nov 2013	15 Jan 2017
Letrazole	2 mg	qd	20 Mar 2016	20 Jul 2016
Coumadin	2 mg	qd	1 Jan 2016	1 Jun 2016
Aromasin	25 mg	qd	5 Jan 2016	2 Feb 2016
Coumadin	2 mg	qd	5 Sep 2015	20 Dec 2015
Aromasin	25 mg	qd	5 Oct 2015	5 Dec 2015

Prev 1 2 3 ... 6 Next

1-10 entries of 60

Dosage changes are shown as individual entries in the timeline tabular view

2.3 TABULAR VIEWS (LABS)

Labs Invasive ductal carcinoma of breast



Panels (15)

> Filter panels

Lipid panel on 7 Dec 2017

Test	Value
<u>Total cholesterol</u>	<u>150 mg/dl</u>
<u>HDL cholesterol</u>	<u>35 mg/dl</u>
<u>LDL cholesterol</u>	<u>46 mg/dl</u>
<u>HDL cholesterol</u>	<u>35 mg/dl</u>
<u>LDL cholesterol</u>	<u>46 mg/dl</u>

Lipid panel on 12 Oct 2016

Test	Value
<u>Triglycerides</u>	<u>112 mg/dl</u>
<u>Total cholesterol</u>	<u>150 mg/dl</u>
<u>HDL cholesterol</u>	<u>35 mg/dl</u>
<u>Total cholesterol</u>	<u>150 mg/dl</u>
<u>HDL cholesterol</u>	<u>35 mg/dl</u>

Panels (5)

Filter panels

Lipid panel

Basic metabolic panel

Compre. metabolic panel

Complete blood count

Influenza screen

Lipid panel

Basic metabolic panel

Compre. metabolic panel

Complete blood count

Influenza screen

Liver function

Prostate specific antigen

Renal panel

Bone markers

Thyroid panel

Lipid panel on 7 Dec 2017

Test	Value
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl
LDL cholesterol	46 mg/dl
HDL cholesterol	35 mg/dl
LDL cholesterol	46 mg/dl

Lipid panel on 12 Oct 2016

Test	Value
Triglycerides	112 mg/dl
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl

Lipid panel on 12 Oct 2016

Test	Value
Triglycerides	112 mg/dl
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl

Test history (120)

Filter tests

Test	Value	Date
White blood cell count	8.12 10 ⁹ /L	2 Jan 2018
Red blood cell count	6.75 10 ⁹ /L	27 Dec 2017
White blood cell count	4.72 10 ⁹ /L	19 Dec 2017
Test 3...	1.86 10 ⁹ /L	12 Dec 2017
Test 4...	3.37 10 ⁹ /L	5 Dec 2017
Test 5...	6.75 10 ⁹ /L	27 Dec 2017

Panels (5)

> Filter panels  Lipid panel

Lipid panel on 7 Dec 2017

Test	Value
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl
LDL cholesterol	46 mg/dl
HDL cholesterol	35 mg/dl
LDL cholesterol	46 mg/dl

Lipid panel on 12 Oct 2016

Test	Value
Triglycerides	112 mg/dl
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl

Lipid panel on 12 Oct 2016

Test	Value
Triglycerides	112 mg/dl
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl
Total cholesterol	150 mg/dl
HDL cholesterol	35 mg/dl

Prev12Next

1-3 panel test entries of 5

Test history (30)

> Filter tests  White blood cell count  Red blood cell count

Hemoglobin	Hemoglobin	Hemoglobin
HER2/neu	HER2/neu	HER2/neu
Neutrophil count	Neutrophil count	Neutrophil count
White blood cell count	White blood cell count	White blood cell count
Red blood cell count	Red blood cell count	Red blood cell count

Test	Value	Date
White blood cell count	8.12 10 ⁹ /L	2 Jan 2018
Red blood cell count	6.75 10 ⁹ /L	27 Dec 2017
White blood cell count	4.72 10 ⁹ /L	19 Dec 2017
Test 3...	1.86 10 ⁹ /L	12 Dec 2017
Test 4...	3.37 10 ⁹ /L	5 Dec 2017
Test 5...	6.75 10 ⁹ /L	27 Dec 2017
Test 6...	4.72 10 ⁹ /L	19 Dec 2017
Test 7...	1.86 10 ⁹ /L	12 Dec 2017
Test 8...	3.37 10 ⁹ /L	5 Dec 2017
Test 9...	1.86 10 ⁹ /L	12 Dec 2017

3 LABS NON TABULAR VIEW

3 LABS NON TABULAR VIEW

3.1 LABS NON TABULAR VIEW

Labs Ductal carcinoma of the breast



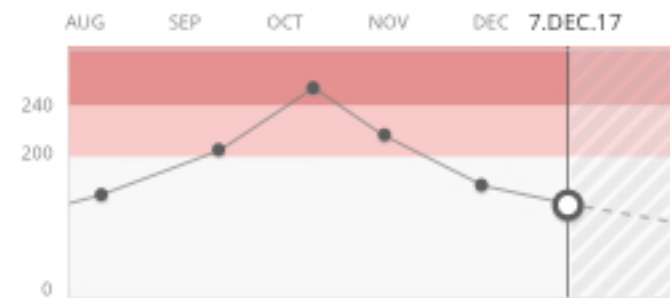
Panels (5)

> Filter panels

Lipid panel

Toal cholesterol

150 mg/dl



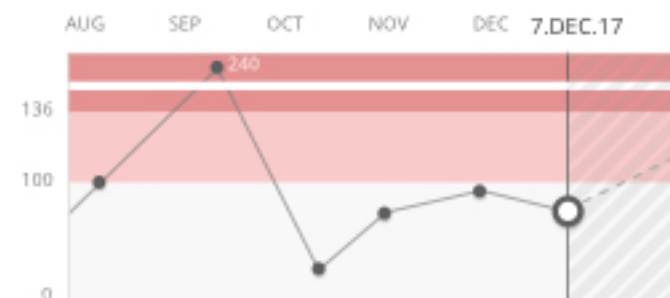
HDL cholesterol

35 mg/dl



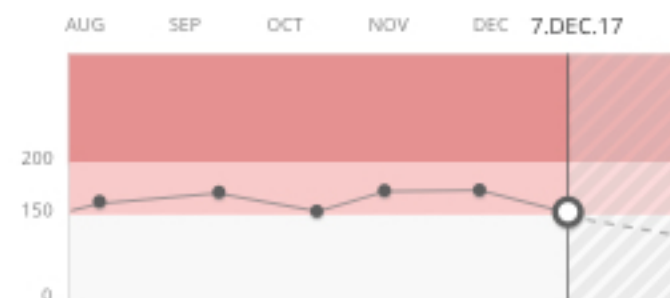
LDL cholesterol

46 mg/dl



Triglycerides

112 mg/dl



Panels (1)

Filter panels

Lipid panel

Basic metabolic panel

Compre. metabolic panel

Complete blood count

Influenza screen

Lipid panel

Basic metabolic panel

Compre. metabolic panel

Complete blood count

Influenza screen

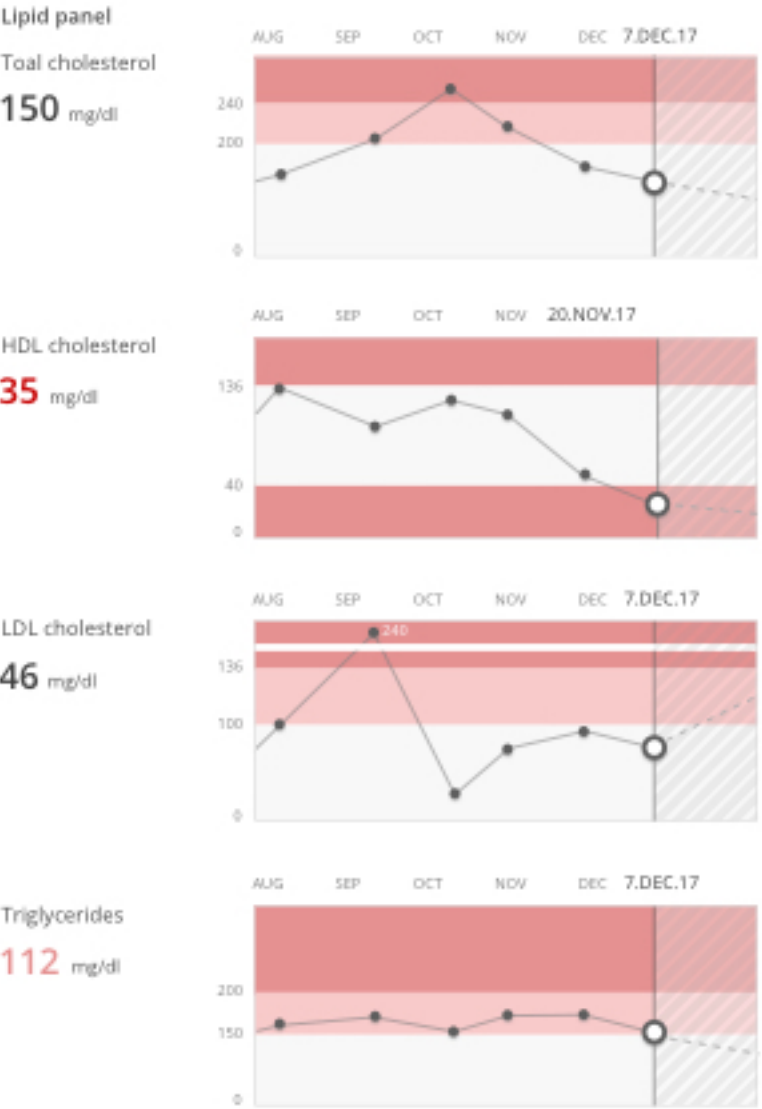
Liver function

Prostate specific antigen

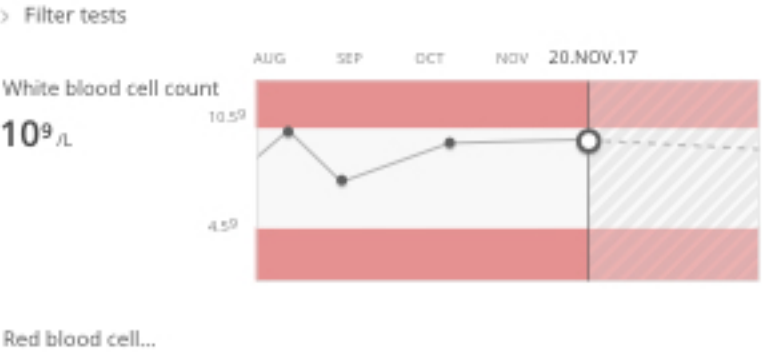
Renal panel

Bone markers

Thyroid panel



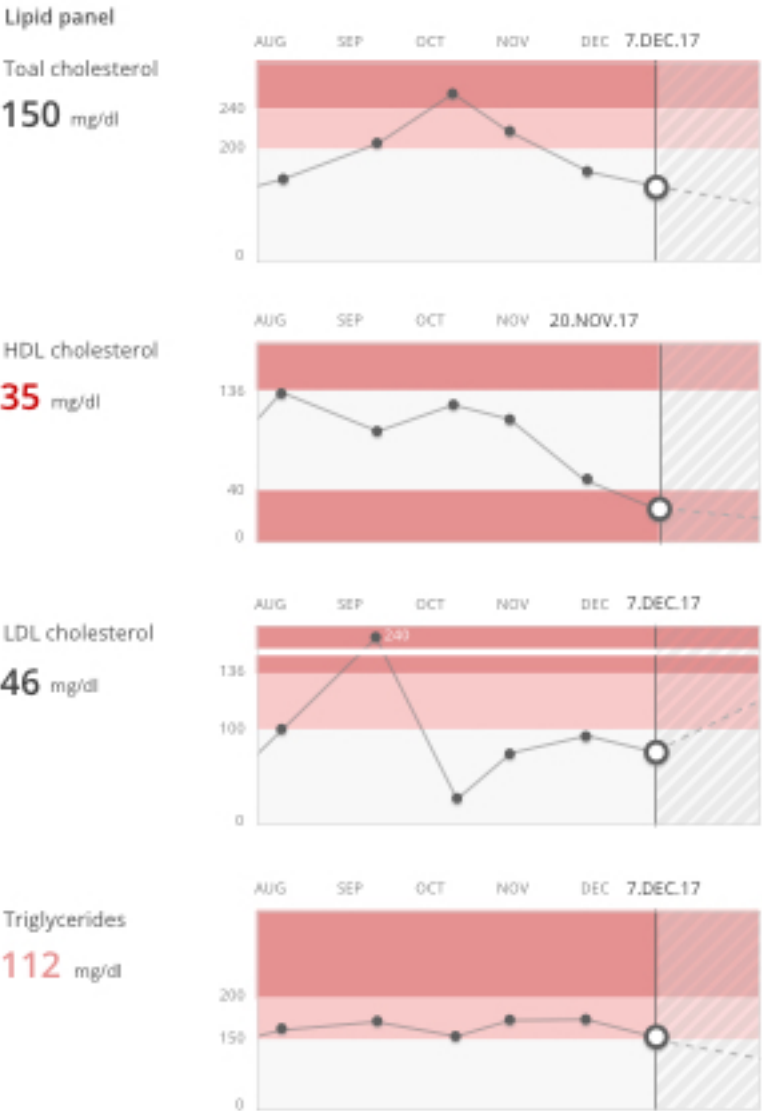
Tests (5)



Panels (1)

Filter panels

Lipid panel



Tests (2)

Filter tests

Hemoglobin

HER2/neu

Neutrophil count

White blood cell count

Red blood cell count

Hemoglobin

HER2/neu

Neutrophil count

White blood cell count

Red blood cell count

Hemoglobin

HER2/neu

Neutrophil count

White blood cell count

Red blood cell count

