MITRE / FLUX NOTES CONCEPTS v18.1 – Select styling, Longitudinal Lab Spec

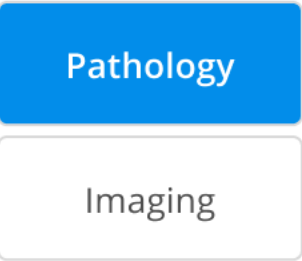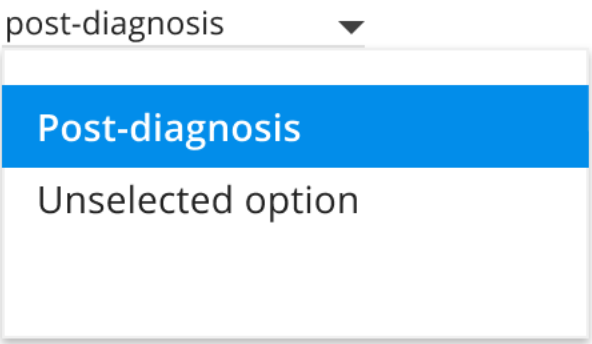DANIEL REEVES, JUHAN SONIN, 19.Jun.2019

goinvo

I HOVER AND SELECT STYLES

Selected elements

In general, selected elements are white on interface blue. Slighter objects may be blue lined with no backing.

post-diagnosis ▼

| Post-diagnosis |
| Unselected option |

Pathology

Imaging

Hovered elements

Hover blue

As transparent:

#1A76B4, opacity = 10%
rgba(26, 118, 180, 0.1);

As solid color:

#E8F1F7
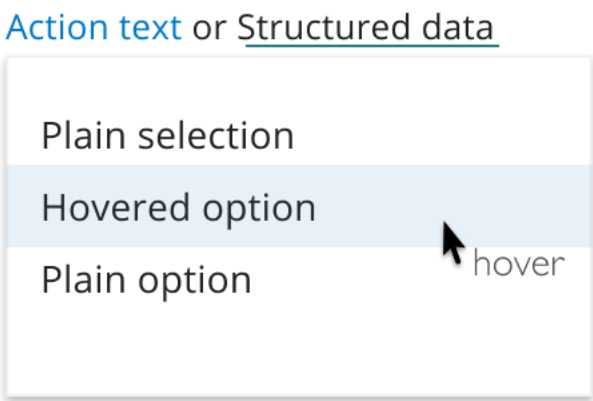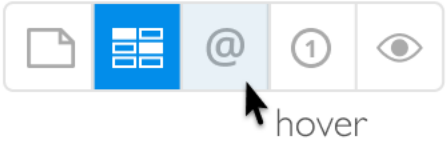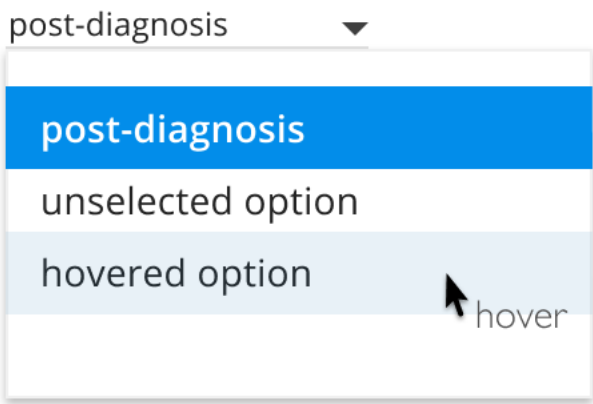
post-diagnosis ▼

post-diagnosis
unselected option
hovered option
hover

hover

hover

Pathology

Imaging
hover

Action text or Structured data

Plain selection
Hovered option
Plain option
hover

Panel 1

Progress note
signed by: Dr. Bran24 Michel09A   started date: 10 April 2018
source: Dana Farber Cancer Institute

× Close

B *I* U ≡ ☰ | *Invasive ductal carcinoma of breast | disease status*

Allergies
no allergies

> **Medications**
imatinib 100 mg capsule QD started 10 Aug 2017...

Assessment
3 ● Patient #disease status is stable due to #reason relative to #reference date, #as of.

Plan

select multiple then hit tab when done
pathology
imaging   ⟍ hover then click
symptoms
physical exam
markers

remove #reason
remove and stop showing

Templates
Shortcuts
Placeholders

🔍 Search shortcuts

Disease status - reason
#pathology
#imaging
#symptoms
#physical exam

Invasive ductal carcinoma
#staging
#disease status
@ONCOHIST
#toxicity

Panel 2

Progress note
signed by: Dr. Bran24 Michel09A   started date: 10 April 2018
source: Dana Farber Cancer Institute

× Close

B *I* U ≡ ☰ | *Invasive ductal carcinoma of breast | disease status*

Allergies
no allergies

> **Medications**
imatinib 100 mg capsule QD started 10 Aug 2017...

Assessment
3 ● Patient #disease status is stable due to #reason relative to #reference date, #as of.

Plan

select multiple then hit tab when done
pathology
imaging
symptoms
physical exam
markers   ⟍ hover then click ▬▬▬▬

remove #reason
remove and stop showing

Templates
Shortcuts
Placeholders

🔍 Search shortcuts

Disease status - reason
#pathology
#imaging
#symptoms
#physical exam

Invasive ductal carcinoma
#staging
#disease status
@ONCOHIST
#toxicity

user clicks away or hits "tab" or "escape"

Panel 3

Progress note
signed by: Dr. Bran24 Michel09A   started date: 10 April 2018
source: Dana Farber Cancer Institute

× Close

B *I* U ≡ ☰ | *Invasive ductal carcinoma of breast | disease status*

Allergies
no allergies

> **Medications**
imatinib 100 mg capsule QD started 10 Aug 2017...

Assessment
3 ● Patient #disease status is stable due to #reason relative to #reference date, #as of.

Plan

select multiple then hit tab when done
pathology
imaging
symptoms
physical exam
markers

click away

remove #reason
remove and stop showing

Templates
Shortcuts
Placeholders

🔍 Search shortcuts

Disease status - reason
#pathology
#imaging
#symptoms
#physical exam

Invasive ductal carcinoma
#staging
#disease status
@ONCOHIST
#toxicity

Panel 4

Progress note
signed by: Dr. Bran24 Michel09A   started date: 10 April 2018
source: Dana Farber Cancer Institute

× Close

B *I* U ≡ ☰ | *Invasive ductal carcinoma of breast | disease status*

Allergies
no allergies

> **Medications**
imatinib 100 mg capsule QD started 10 Aug 2017...

Assessment
2 ● Patient #disease status is stable due to pathology and physical exam relative to #reference date, #as of.

Plan

Templates
Shortcuts
Placeholders

🔍 Search shortcuts

Disease status - as of
#date

Invasive ductal carcinoma
#staging
#disease status
@ONCOHIST
#toxicity

In longitudinal table mode, the number of columns is fixed by whatever fits in the screen. In the early version, the date columns pan with a simple scrollbar. In the future, a timeline visual will indicate the in-view events.
Starring is done along the title row by clicking on the star. Starred labs/vitals appear in a second table at top in addition to below, alphabetically.

Labs

starred			2017 10 Mar	22 Oct	22 Dec	2018 2 Feb	26 Feb	2 Mar	15 Mar	10 Apr
★ Blood urea nitrogen	units		3	3	3	3	3	3	3	3
★ Estrogen	units		4	4	4	4	4	4	4	4
all labs										
Blood stuff	units		3	3	3	3	3	3	3	3
★ Blood urea nitrogen	units		4	4	4	4	4	4	4	4
C type lab	units		5	5	5	5	5	5	5	5
D type lab	units			6	6	6		6	6	6
★ Estrogen	units			7	7	7		7	7	7
F lab	units			1	1	1		1	1	1
☆ Globuglobin	units		3	3	3	3	3	3	3	3
J lab	units		4	10	4	4	4	4	4	4
Ketones	units		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Lymphomes	units							3	3	

hover

Suggested new icons for longitudinal view.

All table text: medium size (13)

horizontal cells:

background: contrast gray

vertical cells:

background: body black

opacity: 0.02

horizontal rules

thickness:1 px

color: line gray

Stars:

width: 14px

background: interface blue

hover state:

background: hover blue (#E8F1F7)

border: 1px; interface blue

Labs

starred			2017 10 Mar	22 Oct	22 Dec	2018 2 Feb	26 Feb	2 Mar	15 Mar	10 Apr
★ Blood urea nitrogen	units		3	3	3	3	3	3	3	3
★ Estrogen	units		4	4	4	4	4	4	4	4
all labs										
Blood stuff	units		3	3	3	3	3	3	3	3
★ Blood urea nitrogen	units		4	4	4	4	4	4	4	4
C type lab	units		5	5	5	5	5	5	5	5
D type lab	units			6	6	6		6	6	6
★ Estrogen	units			7	7	7		7	7	7
F lab	units			1	1	1		1	1	1
Globuglobin	units		3	3	3	3	3	3	3	3
J lab	units		4	10	4	4	4	4	4	4
Ketones	units		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Lymphomes	units							3	3	

all labs ▾

future idea:

This becomes a dropdown for selecting particular panels or types of labs.

☆ 👁 Estrogen

〜 Estrogen

show 2 hidden

future idea:

Add a third level of prioritizing labs by allowing clinician to "hide" a row. The clinician can reveal or hide all "hidden" rows.

2014   2015   2016   2017   2018   today

Timeline box

height: 45px

background: contrast gray

Scrubber text:

extra small (11) state gray

out of range marks

width: 1px; height: 16px;

background: state gray

box-shadow: none

border-radius: 1px;

in range marks

width: 2px; height: 16px;

background: body black

box-shadow: 0px 1px 2px rgba(0, 0, 0, 0.5);

border-radius: 1px;

horizontal rules

thickness:1 px

color: line gray

future (out of range) box

background: state gray

opacity: 20%

Single Scroller

the section titles replace at top of table

starred		2017 10 Mar	22 Oct	22 Dec	2018 2 Feb	26 Feb	2 Mar	15 Mar	10 Apr
★ Blood urea nitrogen	units	3	3	3	3	3	3	3	3
★ Estrogen	units	4	4	4	4	4	4	4	4
★ Lymphocytes	units	5	5	5	5	5	5	5	5
★ Magnesium	units		6	6	6		6	6	6
all labs									
Blood stuff	units	3	3	3	3	3	3	3	3
★ Blood urea nitrogen	units	4	4	4	4	4	4	4	4
C type lab	units	5	5	5	5	5	5	5	5
D type lab	units		6	6	6		6	6	6
★ Estrogen	units		7	7	7		7	7	7
F lab	units		1	1	1		1	1	1
Globuglobin	units	3	3	3	3	3	3	3	3
J lab	units	4	10	4	4	4	4	4	4
Ketones	units	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2

2014	2015	2016	2017	2018	today

starred		2017 Mar 10	Oct 22	Dec 22	2018 Feb 2	Feb 26	Mar 2	Mar 15	Apr 10
★ Lymphocytes	units	5	5	5	5	5	5	5	5
★ Magnesium	units		6	6	6		6	6	6
all labs									
Blood stuff	units	3	3	3	3	3	3	3	3
Blood urea nitrogen	units	4	4	4	4	4	4	4	4
C type lab	units	5	5	5	5	5	5	5	5
D type lab	units		6	6	6		6	6	6
★ Estrogen	units		7	7	7		7	7	7
F lab	units		1	1	1		1	1	1
Globuglobin	units	3	3	3	3	3	3	3	3
J lab	units	4	10	4	4	4	4	4	4
Ketones	units	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
★ Lymphomes	units						3	3	
★ Magnesium	units						4	4	

2014	2015	2016	2017	2018	today

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

2014	2015	2016	2017	2018	today

Double Scrollers

Grow starred section to a maximum height, then scroll on starred section.

starred		2017 10 Mar	22 Oct	22 Dec	2018 2 Feb	26 Feb	2 Mar	15 Mar	10 Apr
★ Blood urea nitrogen	units	3	3	3	3	3	3	3	3
★ Estrogen	units	4	4	4	4	4	4	4	4
all labs									
Blood stuff	units	3	3	3	3	3	3	3	3
★ Blood urea nitrogen	units	4	4	4	4	4	4	4	4
C type lab	units	5	5	5	5	5	5	5	5
D type lab	units		6	6	6		6	6	6
★ Estrogen	units		7	7	7		7	7	7
F lab	units		1	1	1		1	1	1
Globuglobin	units	3	3	3	3	3	3	3	3
J lab	units	4	10	4	4	4	4	4	4
Ketones	units	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Lymphomes	units						3	3	

2014	2015	2016	2017	2018	today

starred		2017 Mar 10	Oct 22	Dec 22	2018 Feb 2	Feb 26	Mar 2	Mar 15	Apr 10
★ Blood urea nitrogen	units	3	3	3	3	3	3	3	3
★ Estrogen	units	4	4	4	4	4	4	4	4
★ Lymphocytes	units	5	5	5	5	5	5	5	5
★ Magnesium	units		6	6	6		6	6	6
★ Another starred item	units			12	10				
★ Yet another	units			2					
all labs									
Blood stuff	units	3	3	3	3	3	3	3	3
★ Blood urea nitrogen	units	4	4	4	4	4	4	4	4
C type lab	units	5	5	5	5	5	5	5	5
D type lab	units		6	6	6		6	6	6
★ Estrogen	units		7	7	7		7	7	7
F lab	units		1	1	1		1	1	1
Globuglobin	units	3	3	3	3	3	3	3	3

2014	2015	2016	2017	2018	today

Focus causes:

- All other dates and corresponding column text are greyed (50% opacity)
- Rows with no data in selected date are hidden.

Focus on 10 Mar 2017

See source document

Labs

starred		2017 10 Mar	22 Oct	22 Dec	2018 2 Feb	26 Feb	2 Mar	15 Mar	10 Apr
★ Blood urea nitrogen	units	3	3	3	3	3	3	3	3
★ Estrogen	units	4	4	4	4	4	4	4	4
all labs									
Blood stuff	units	3	3	3	3	3	3	3	3
★ Blood urea nitrogen	units	4	4	4	4	4	4	4	4
C type lab	units	5	5	5	5	5	5	5	5
D type lab	units		6	6	6		6	6	6
★ Estrogen	units		7	7	7		7	7	7
F lab	units		1	1	1		1	1	1
Globuglobin	units	3	3	3	3	3	3	3	3
J lab	units	4	**10**	4	4	4	4	4	4
Ketones	units	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Lymphomes	units						3	3	

hovering and clicking in the left hand margin interacts with stars

Jump to most recent data

Insert most recent Ketones result

Insert Ketones result from 10 mar 2017 in note

See source document

2014   2015   click   2016   2017   2018   today
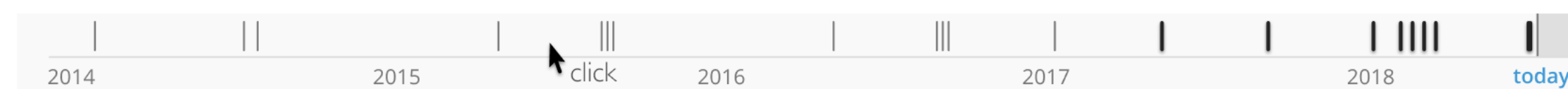
Click on any spot in the bar

- Navigate to center the closest mark to the clicked spot

Click on "today" **(default view)**

- Present the most recent date on the right hand side of the table.