MITRE / FLUX NOTES

PRE ENCOUNTER CARCINOMA OF BREAST FLUX NOTES CONCEPT v11.1

EDWIN CHOI, JUHAN SONIN, 20.OCT.2017

goinvo

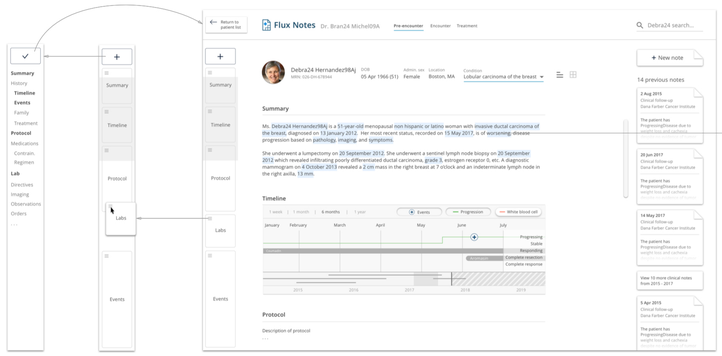
The following are narrative based, fluid interface concepts for Flux Notes, focused on a pre-encounter view within an oncology setting. These concepts continue to be refined based on new feedback and discussion.

Considerations for the next iteration

- The ability to show a focused set of data. Making it clear that more information is available without making it "hidden".
- Indication of gaps in the patient record and how to fill them.

1 FLUXNOTES VIEW MODE

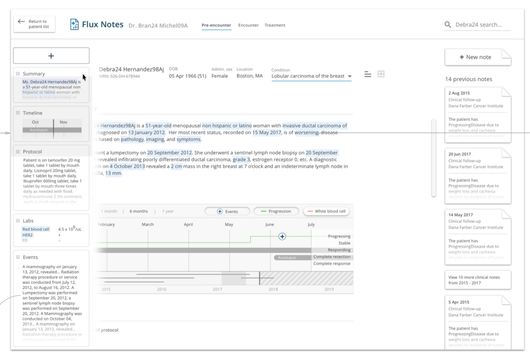
1.1 FLUXNOTES VIEW MODE



User can select categories of patient information to bring into the view mode.

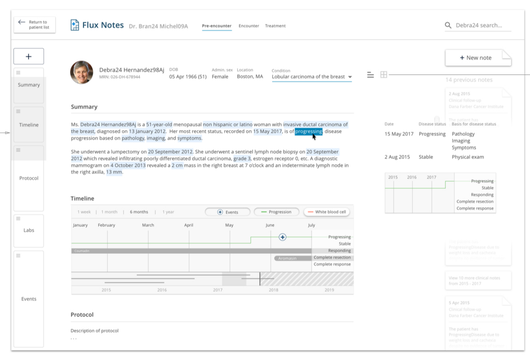
User can rearrange the categories of patient information. The height of each category represents it's amount of content.

1.2 FLUXNOTES VIEW MODE



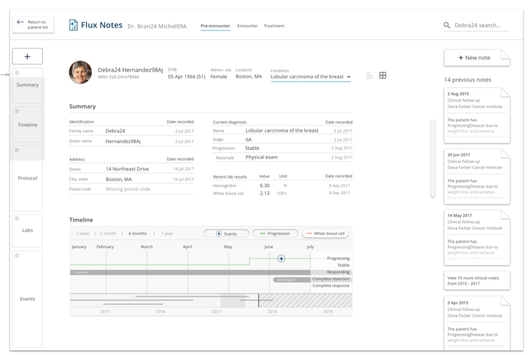
Hovering over the minimap for some time expands it into a wider view where prioritized bits of information for each category of patient information can be viewed, to quickly determine what part of the narrative view to jump to.

1.3 FLUXNOTES VIEW MODE



Selecting a structured data element brings up summarized, contextual information surrounding that element.

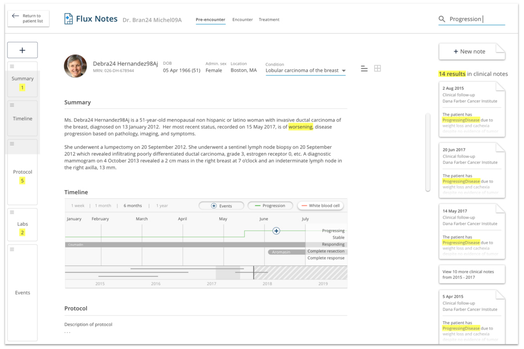
1.4 FLUXNOTES VIEW MODE



User is able to toggle between narrative views and tabular views of patient data depending on their preferences.

2 FLUXNOTES SEARCH MODE

2.1 FLUXNOTES SEARCH MODE

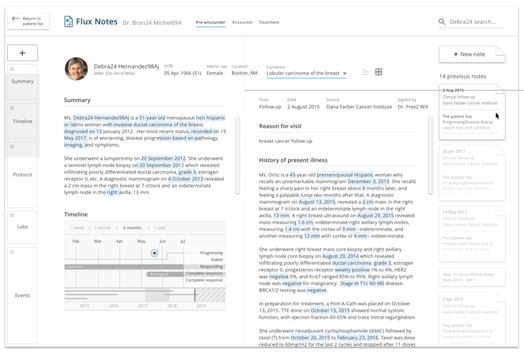


Progression

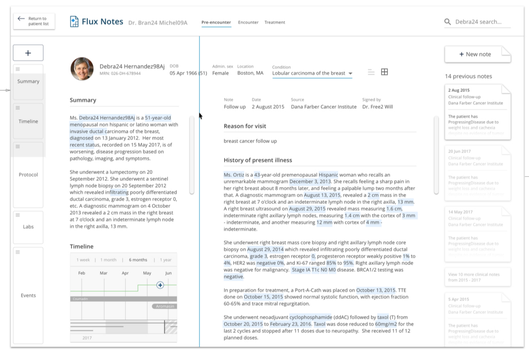
System searches through the patient record, previous clinical notes, and current clinical note that is being composed. One future functionality of search should be the ability to search by concepts and synonyms.

3 FLUXNOTES BROWSE NOTES

3.1 FLUXNOTES BROWSE NOTES

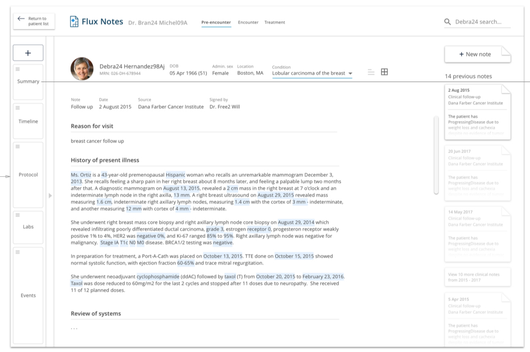


3.2 FLUXNOTES BROWSE NOTES



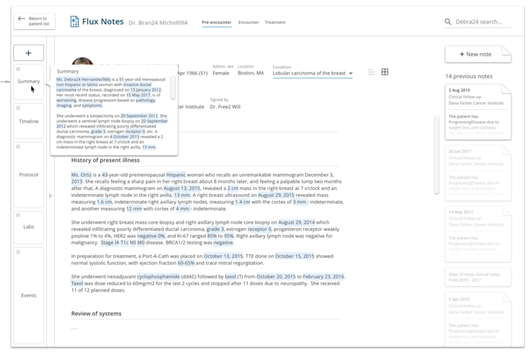
User drags the center line to change the proportion of the patient view vs the clinical note to fit their preferences.

3.3 FLUXNOTES BROWSE NOTES



Patient view has been collapsed after the center line has been dragged all the way to the left. Can be expanded by selecting the collapsed element.

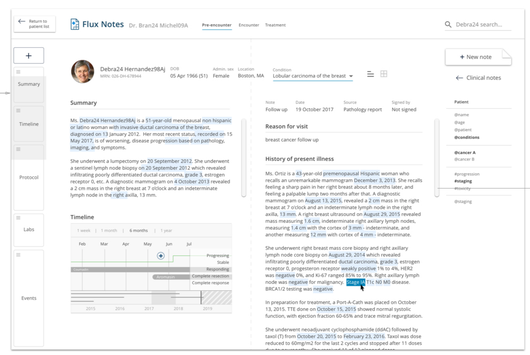
3.4 FLUXNOTES BROWSE NOTES

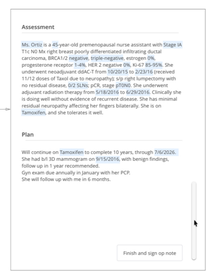


Hovering over a category of patient data while the view area is collapsed reveals a snapshot view. This allows quick access to information while still having a large amount of space to view or write a clinical note.

4 FLUXNOTES NEW NOTE MODE

4.1 FLUXNOTES NEW NOTE MODE





90% of the clinical note should be auto generated based on the chosen template.