MITRE / FLUX **DATA CAPTURE CONCEPTS v03**

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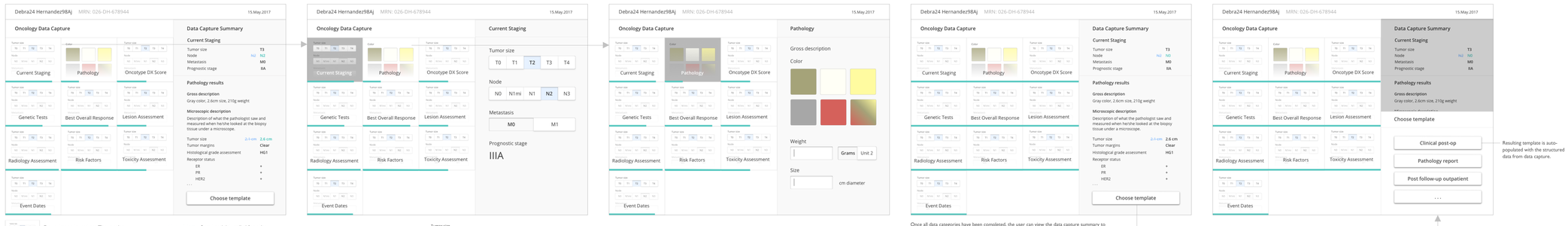
goinvo

The following tablet/desktop designs are concepts describing oncology data capture and data views within Flux.

1 DATA CAPTURE CONCEPT



Data category to capture. The cyan bar at the bottom denotes the amount of data completion for that category.

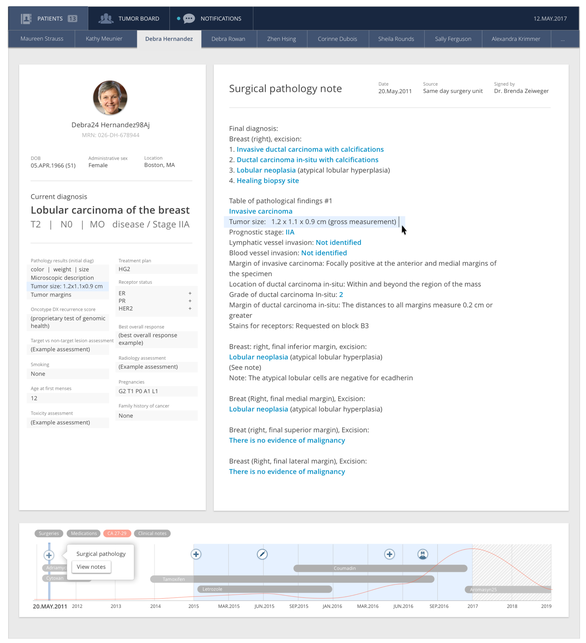
Structured data pulled from the current EHR has been updated during data capture. The previous value has a strike-through.

Blue denotes auto populated data fields. Structured data imported from EPIC.

Once all data categories have been completed, the user can view the data capture summary to the right (scrollable), to compare previous, updated, and newly captured data.

Resulting template is auto-populated with the structured data from data capture.

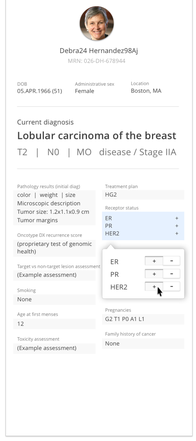
2 DATA ANALYSIS CONCEPT, DATA COMPARISON



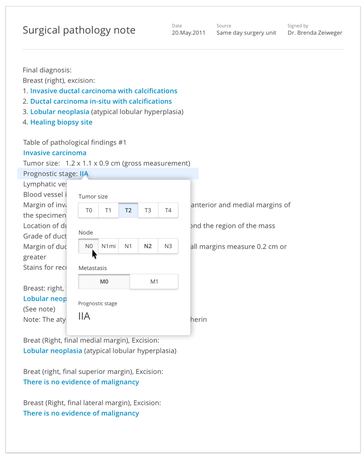
Tumor size: 1.2 x 1.1 x 0.9 cm (gross measurement)
Prognostic stage: IIA

On hovering over a data field, it becomes highlighted. The corresponding data field on the left-hand side of the view (patient summary) is highlighted. Blue text denotes structured data from which values can be chosen if clicked.

Previous clinical notes can be accessed via patient history/timeline located at the bottom of the view.

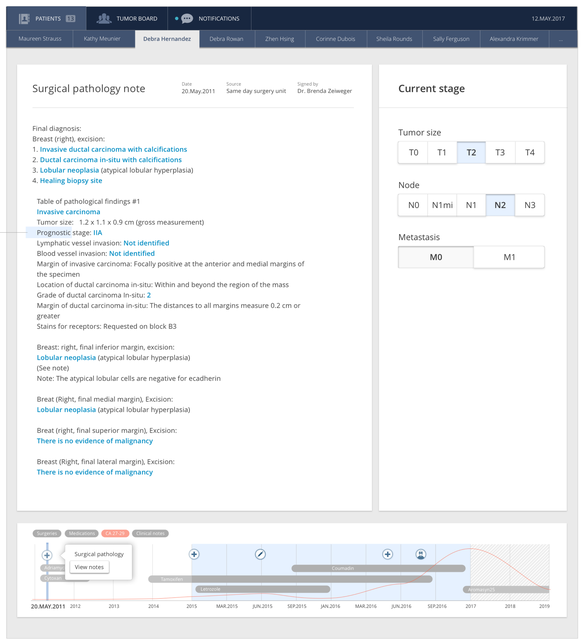


Ability to insert structured data values into a data field within patient summary.



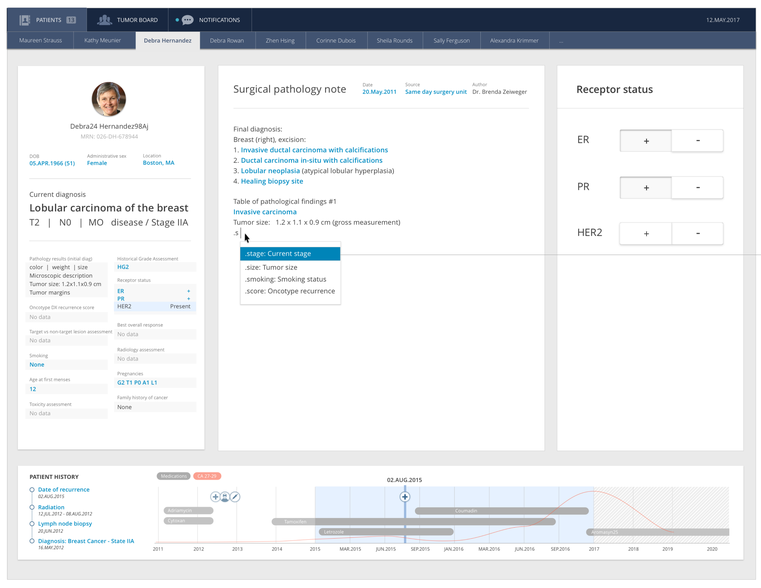
Ability to insert or change structured data values in a data field within a clinical note.

3 DATA ANALYSIS, RAPID UNSTRUCTURED DATA TO STRUCTURED CONCEPT



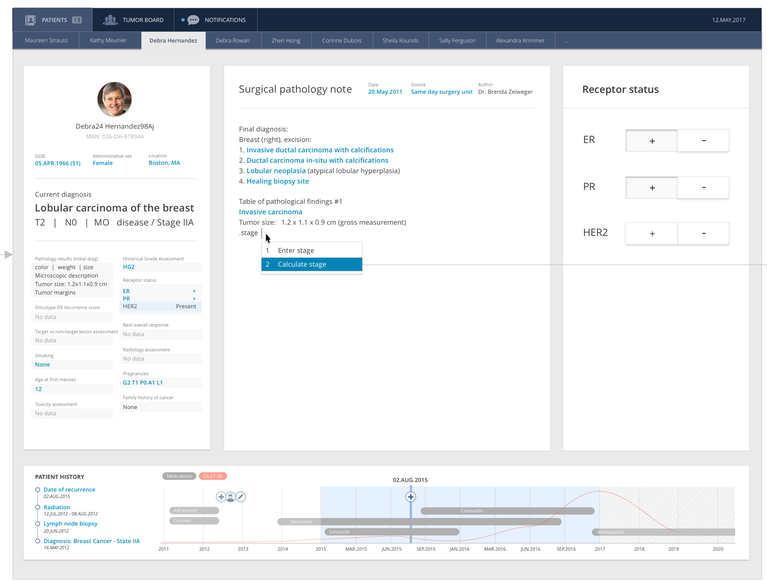
Once a value is picked via the right-hand interface, the next data field will be highlighted in order to update unstructured data to structured data, or for new data capture.

4 DATA ANALYSIS CONCEPT, SHORTHAND AUTOCOMPLETE

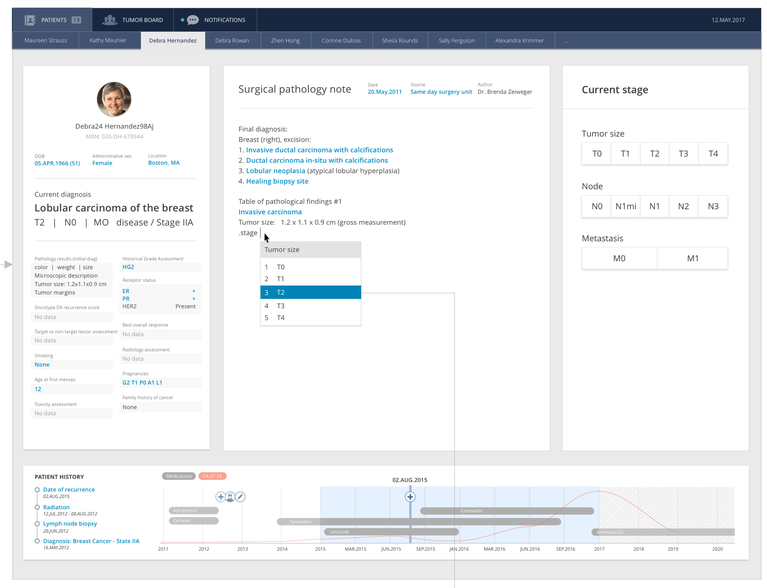


By default, the system calls out unstructured data elements in the patient summary (highlighted in blue). The associated menu used to change it into structured data appears on the far right of the view. In this case, HER2 receptor status.

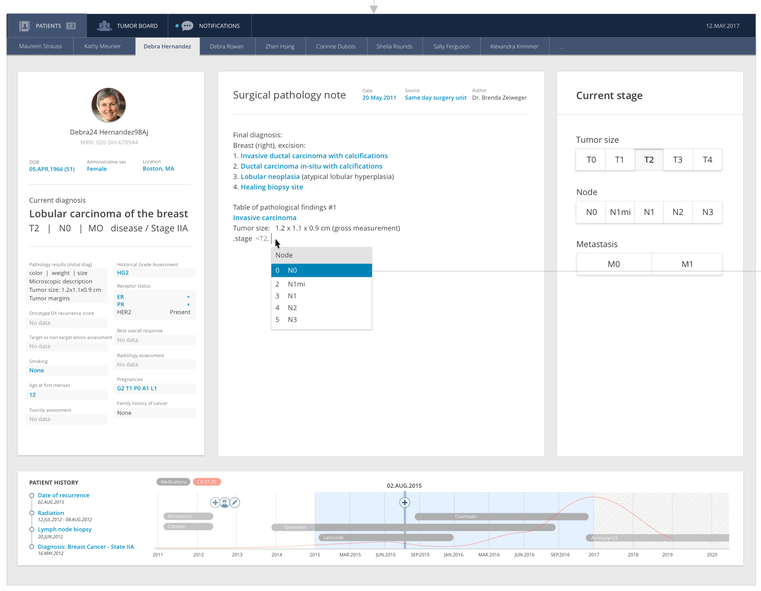
The '.' character triggers the system to look for the relevant structured data element. A selectable menu appears below the text cursor.

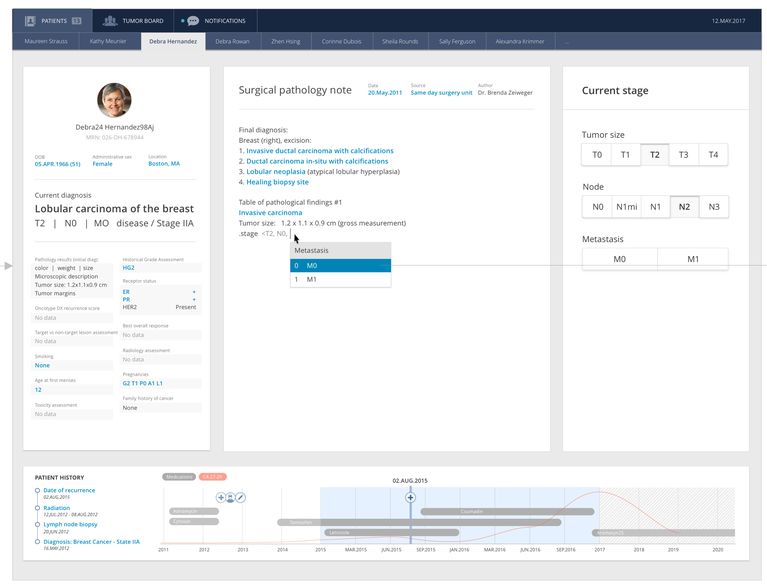


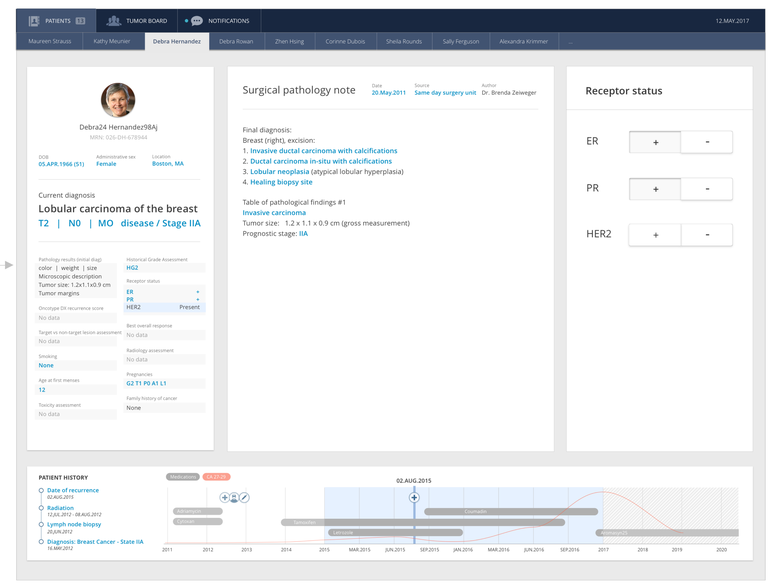
The provider has the option of entering data manually, or entering it via an input suggestion menu.



The point-of-sale menu on the right, used to create structured data elements, changes to the relevant data that the provider is trying to input within the clinical note. In this case, tumor staging.







Prognostic stage: IIA

A prognostic stage structured data entry is generated based on the options that have been selected by the user. The structured data creation menu on the right returns to a data element in the patient summary that is still unstructured data. In this case, HER2 receptor status.