

# **Flux Notes on Voice storyboard v05**

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**Textual callout that  
animates on and off.**

citation

Drawings and graphics in  
this style >>

This storyboard expresses  
concepts and directions  
for key frames and  
animated elements.



Script for narration

# Flux Notes on Voice





**Patients' Top  
Priorities for their  
Doctor:**

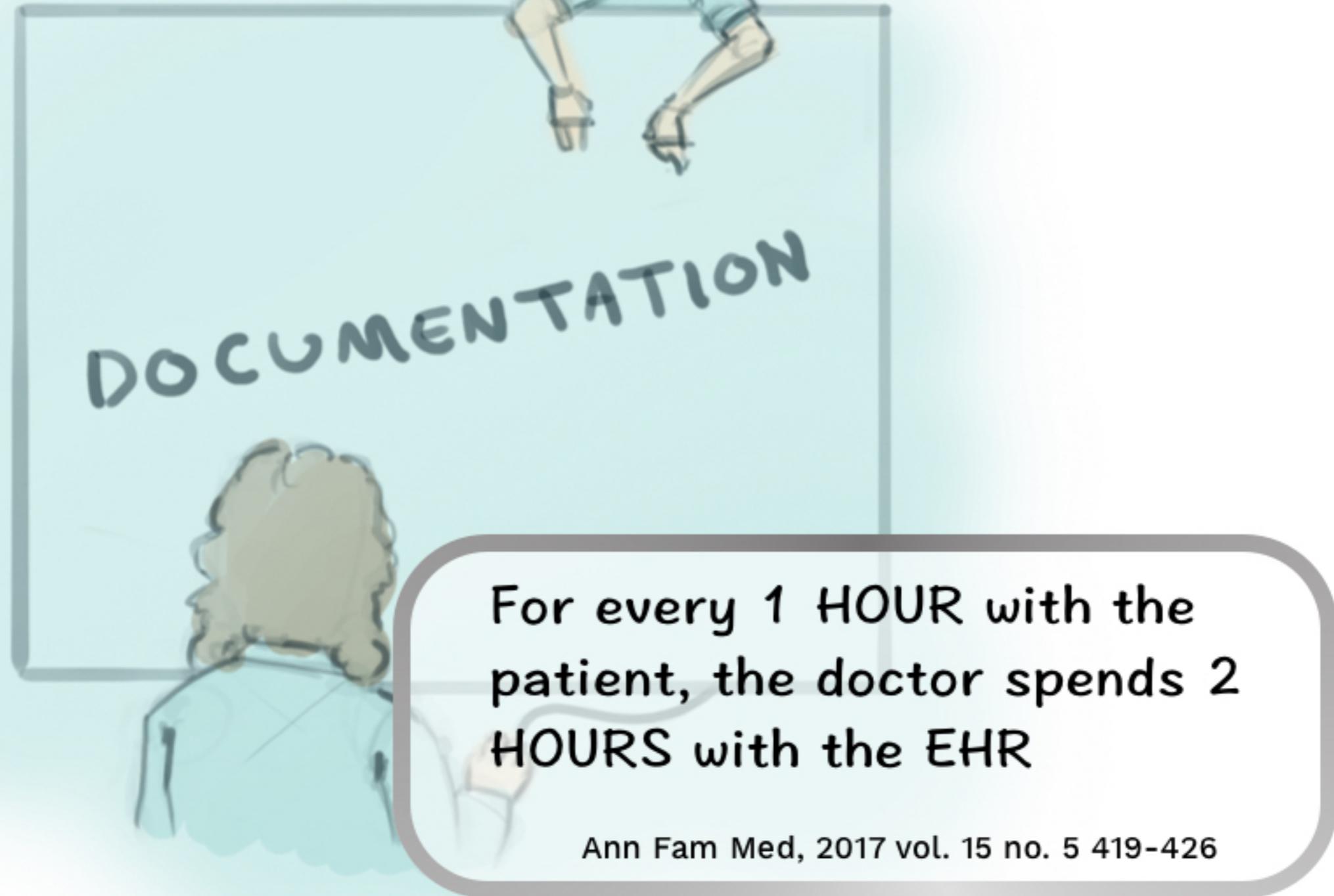
- Spends Time
- Listens
- Explains

Deloitte Consumer Priorities in  
Health Care Survey

Patients want a doctor who spends time and listens.



Above all, patients want good care with good outcomes. A key ingredient in determining the best care is data.



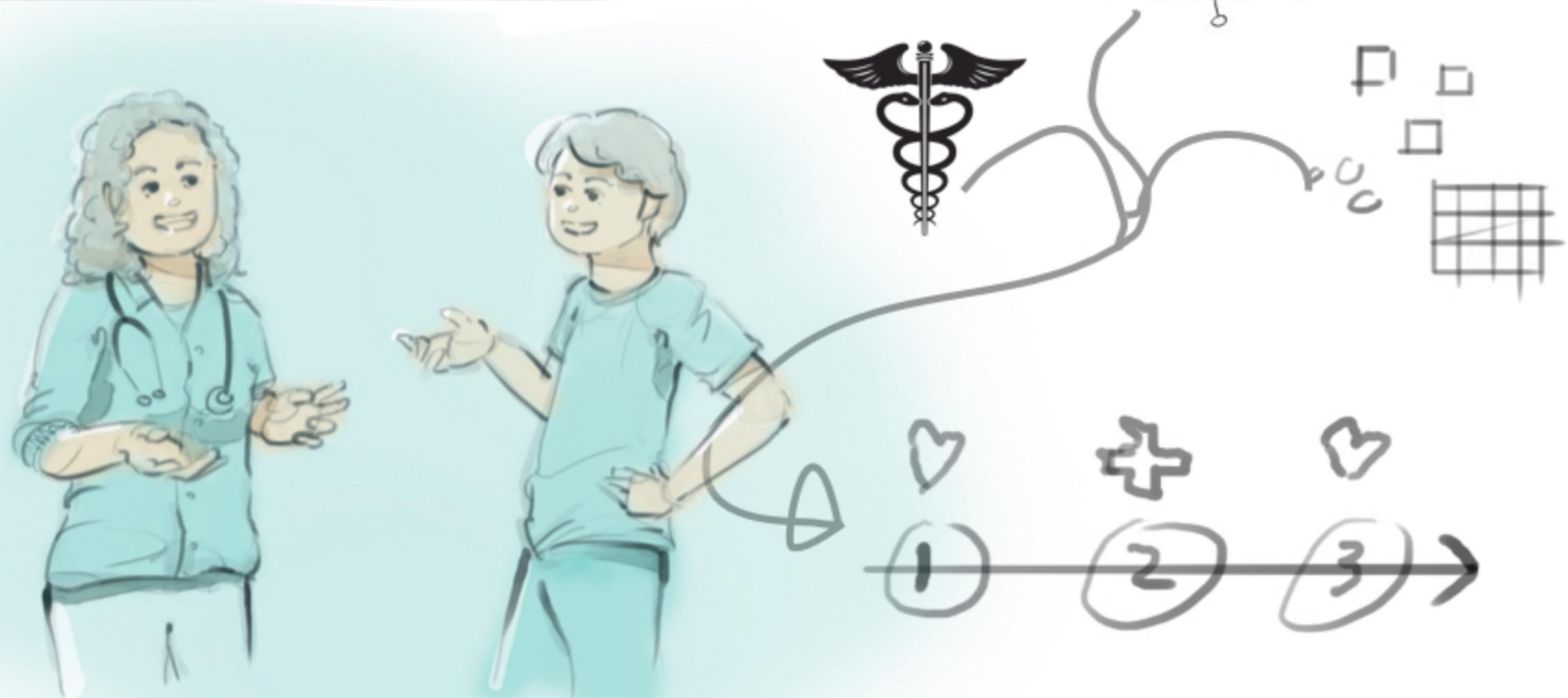
Unfortunately, the manual data entry for electronic health records drain doctors' time.



And what data IS captured can be unstructured or missing, leading to inaccurate pictures of the patient.

30% of ALL data storage  
was in healthcare in  
2012.

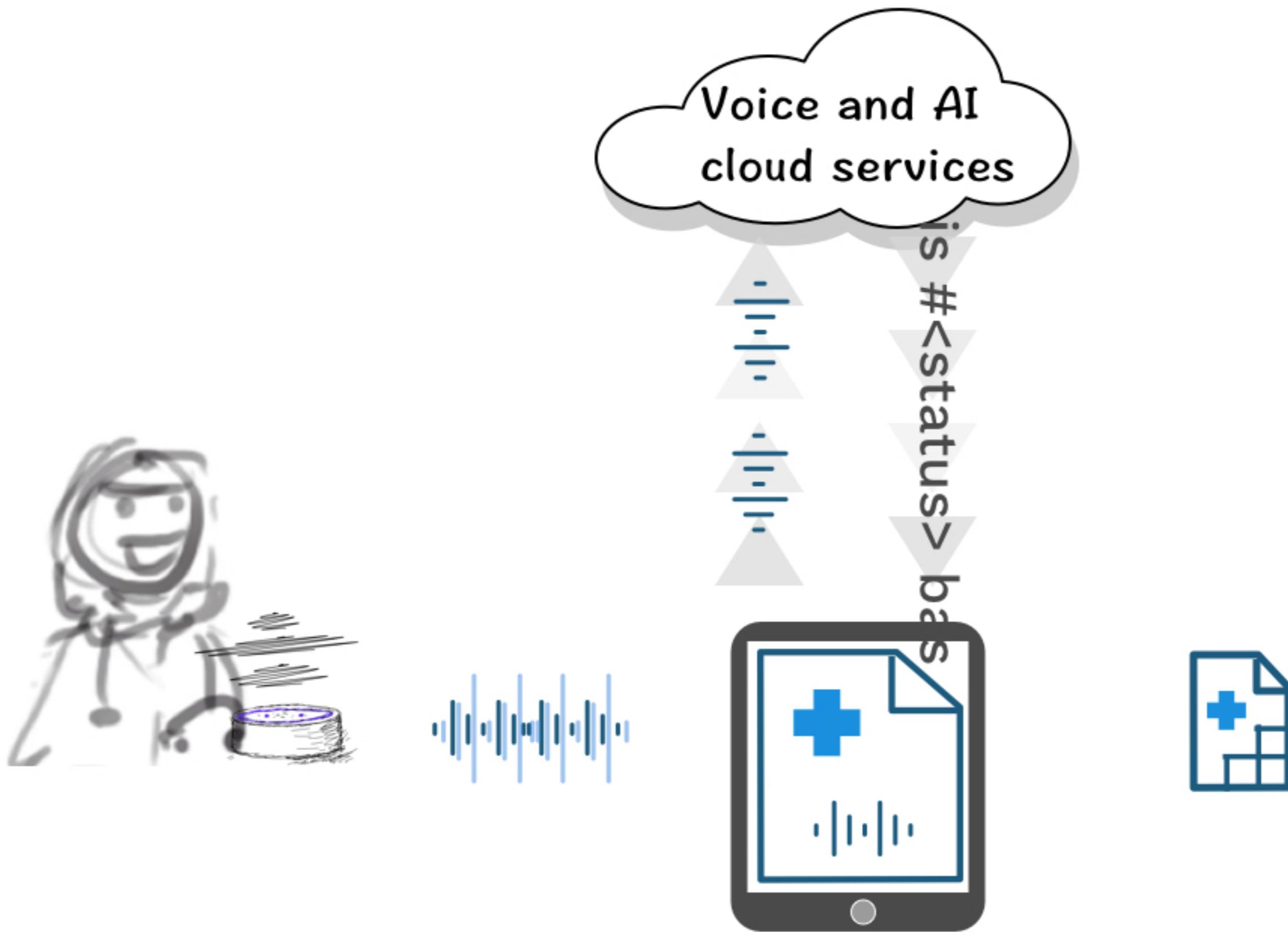
Ponemon Institute, 2012



But we can redefine the future encounter... to one where we have the tools to stop drowning in data and leverage its potential. Where patient engagement, doctor's expertise, and relevant data inform better plans of care.



In this future, audio devices capture conversation. Artificial intelligence is used to spot structured data and auto generate documentation. The doctor is focused on the patient and their care.



Flux Notes on Voice is a prototype application that demonstrates voice capture. Audio is taken, processed, and examined for key data points. The new data is formatted and delivered to Flux Notes and the EHR.

## app content to reflect prototype

### Reason for Visit

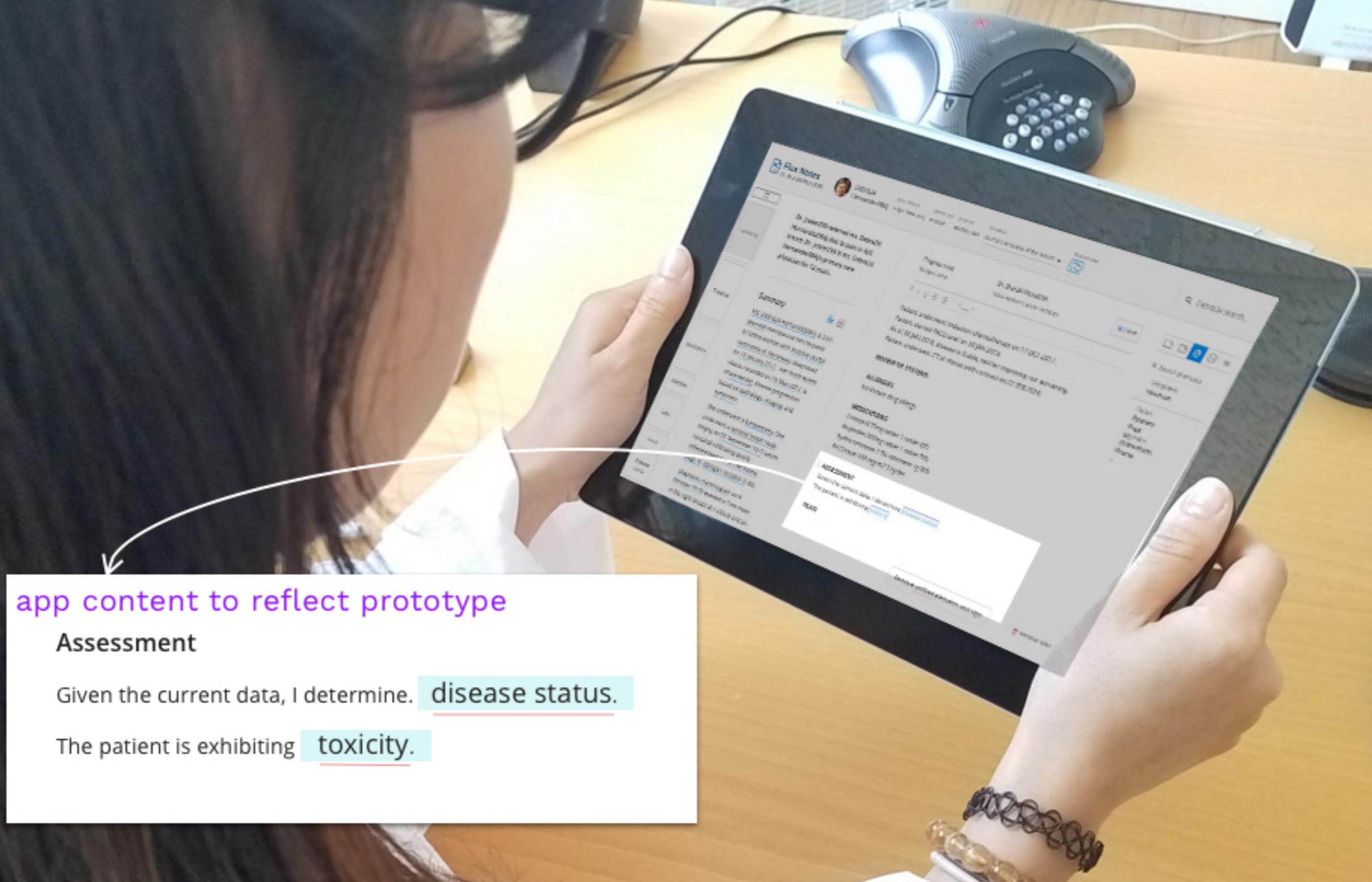
Oncology regimen follow-up.

### Patient Summary

Ms. Debra24 Hernandez98Aj is a 51-year-old menopausal non hispanic or latino woman with invasive ductal carcinoma of the breast, diagnosed on 13 January 2012. Her most recent status, recorded on 15 May 2017, is of worsening, disease progression based on pathology, imaging, and symptoms.



Here's how it works. Before meeting with the patient, the doctor opens Flux Notes on Voice to view the patient record. She is supplied with an easy to follow visual interface.



She starts a clinical note from a template and identifies structured data elements that the Flux Notes on Voice system listens for during the encounter.



When the clinician greets and interacts with the patient, her ears and eyes are focused on THEM, not on a screen. Multi-modal technologies, from speech to visuals to touch interfaces, enhance rather than displace the human interaction that is central to the patient-doctor relationship.



The clinician begins the Flux Notes on Voice system.



It records the conversation and listens to everything the patient shares with the provider...



Sorry to hear that,  
We can discuss a  
plan to manage  
that together

... and everything the provider shares with the patient.



The system identifies the data elements specified in the template and extracts the relevant structured health data automatically.



### Assessment

Given the current data, I determine. #disease status #stable based on.

The patient is exhibiting #nausea #grade 1 based on #symptoms.

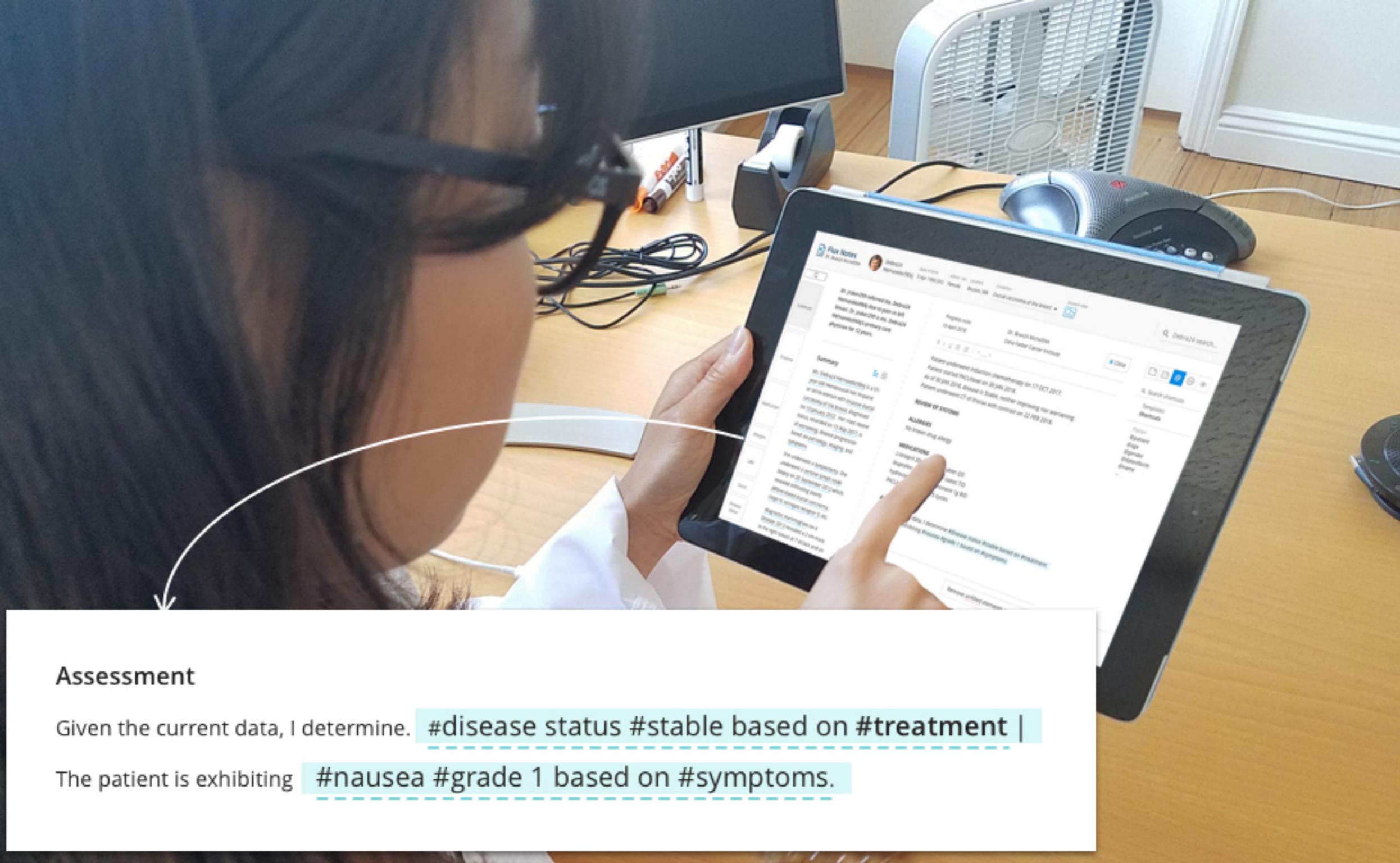
The new data is presented in the note for verification by provider and patient.



As the appointment ends, the clinician simply stops the recording.



The patient leaves, feeling cared for and listened to. When the doctor returns to Flux Notes to finalize the documentation...



## Assessment

Given the current data, I determine. #disease status #stable based on #treatment |

The patient is exhibiting #nausea #grade 1 based on #symptoms.

most of the note's been auto-generated. She verifies accuracy and completeness...

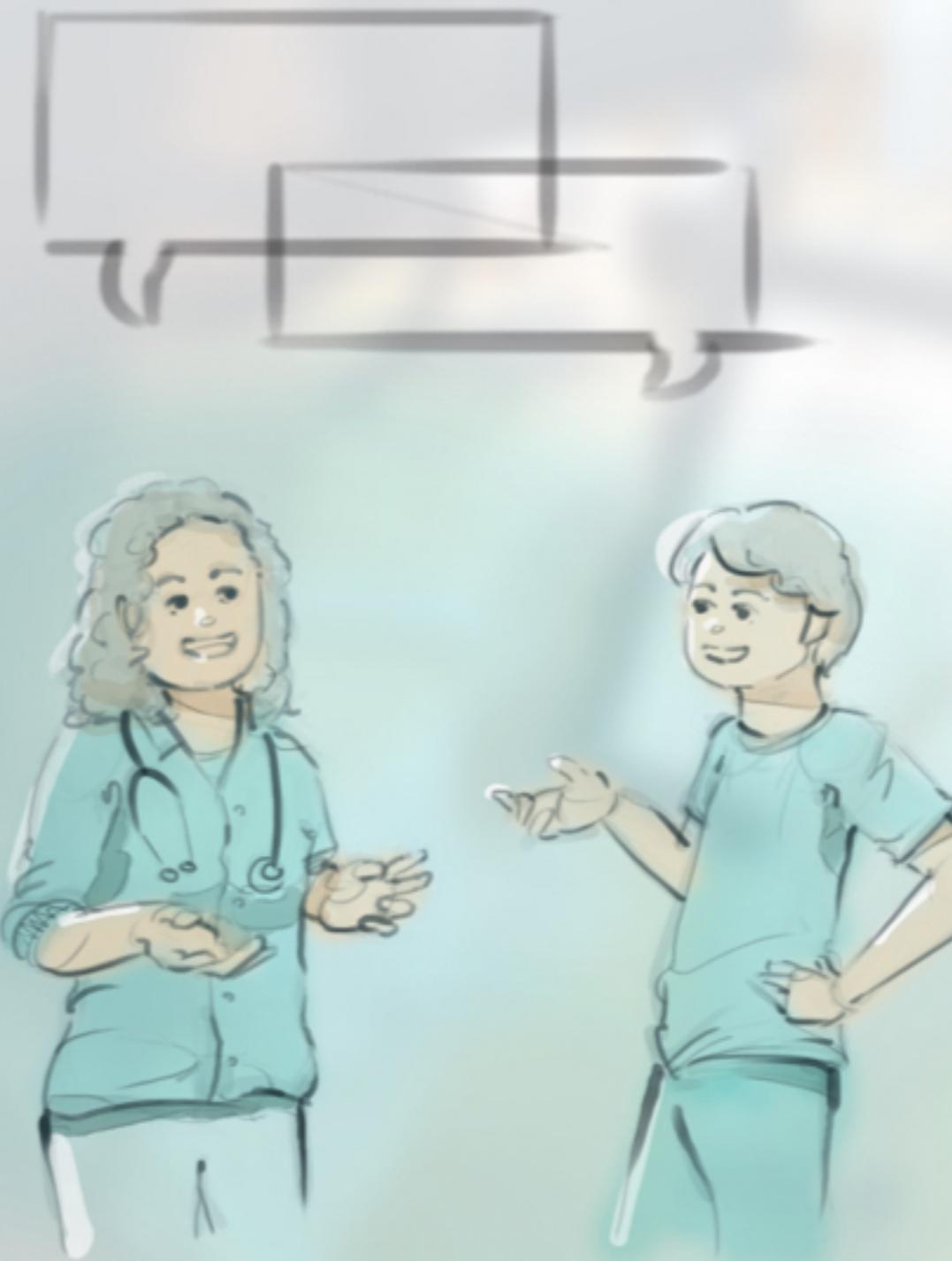
Sign note

... and signs the note.





Flux Notes on Voice lays the groundwork for the self-documenting encounter. So that the provider can capture valuable data AND reduce workload, and ultimately spend more time doing what is most important--



... listening and engaging with the patient and their needs. Promoting better outcomes.  
And working with the patient to make better decisions.