
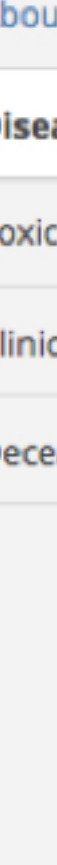
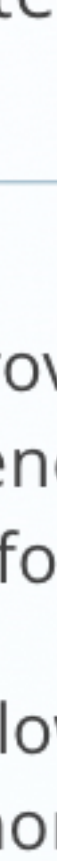





# Flux Notes

## Capture and view structured real-world clinical care data.

Flux Notes is an open source, standard health record based application that will expand the availability of structured high quality, longitudinal and computable health records data to support clinical oncology research.

- **Inform data-driven patient care**  
Understand the efficacy and safety of approved therapeutic agents in populations not adequately addressed by randomized clinical trials.
- **Drive rare disease research**  
Enable research and develop effective treatments for patients with rare tumors or uncommon disease subtypes.
- **Inform therapeutics development**  
Understand the natural history and response to therapy for diseases where multiple sequential therapeutic regimens are employed.
- **Inform regulatory decision-making**  
Achieve efficient and accurate post-market surveillance of FDA-approved therapeutics.
- **Optimize utilization**  
Provide data for use in optimizing cancer care resource utilization.
- **Lower provider burden**  
Reduce provider burden for collecting and viewing patient data.

About Flux Notes Lite

Disease Status

Toxicity

Clinical Trial

Deceased

**Disease Status**

Determination of disease status is based on a number of com measures like tumor growth, symptomatic criteria, patient rep evaluations.

Based on your selections below, the copy button at the bottom paste in your EHR.

Status

Based on the patient data available to the clinician at the ti

Complete Response

Complete Resection

Stable

Progressing

### Flux Notes Lite Viewable on desktop

Flux Notes Lite helps clinicians capture data to drive clinical endpoints, such as disease status and toxicity. This information is stored in a structured data format that can be easily analyzed and shared across multiple clinical care sites.

Provides an easy mechanism for clinicians to generate data such as disease status and toxicity information via an interface.

Allows clinicians to copy the resulting structured shorthand phrase and paste it into their EHR notes entry.

Debra24 Hernandez98Aj

DOB

Admin. sex

Location

View

MRN: 020-DH-678944

05 Apr 1966 (51)

Female

Boston, MA

☐ ☐ ☐

Condition

Workflow

Data

Lobular carcinoma of the breast

Pre-encounter

**Summary**

condition

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.

She underwent a lumpectomy on missing date. She underwent a sentinel lymph node biopsy on 20 September 2012 which revealed infiltrating poorly differentiated ductal carcinoma, missing grade, estrogen receptor 0, etc. A

### Flux Notes Full Viewable on desktop

Flux Notes Full allows information capture via extensible structured phrases driven by the SHR (Standard Health Record).

The clinician will be able to type, dictate, and insert templates

Allowing the review of patient record summaries that are condition, domain, task, and role-specific.

The approach of Flux Notes Full will be to deploy it at hospitals and integrate bi-directionally with existing EHRs.

## Real World Data Capture for Clinical Trial Endpoints

Enable clinical research by prospectively gathering real world clinical treatment data of highest quality.

### Flux Notes for PATINA

The PATINA trial is a phase 3 trail that is exploring the effect of adding palbociclib, an investigational medicine, onto standard treatments for HR+/HER2+ metastatic breast cancer.

### Flux Notes for [trial 2]

The PATINA trial is a phase 3 trail that is exploring the effect of adding palbociclib, an investigational medicine, onto standard treatments for HR+/HER2+ metastatic breast cancer.

### Flux Notes for [trial 3]

The PATINA trial is a phase 3 trail that is exploring the effect of adding palbociclib, an investigational medicine, onto standard treatments for HR+/HER2+ metastatic breast cancer.

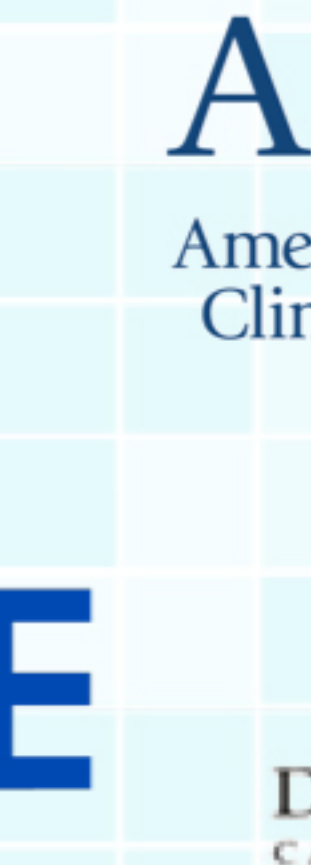
## Get involved

Support the collection of high quality real-world data (RWD) to enable clinical oncology research. Contact us to learn more about the project, or about piloting Flux Notes in a clinical trial setting. Help grow Flux Notes by committing to the repository today.

Andre Quina  
*Principal investigator*  
aquina@mitre.org

Mark Fairweather  
*Surgical oncology fellow*  
mfairweather@partners.org

## Initiatives



This tool is one of multiple open source prototypes in development by MITRE with the end goal of providing complete, accurate, and computable records to inform the best care for each individual.

This application leverages the SHR (Standard Health Record) format for capturing data.



### ICAREdata Study

Flux Notes supports the ICAREdata study capture of treatment data during the authoring of clinical notes. The goal of the ICAREdata study is to support the collection of high quality real-world data (RWD) in a way that enables clinical oncology research.

## Partner Organizations

