

## **Title**

Signatera Tracker - Stakeholder Overview Deck

## **Overview**

This document outlines the purpose, value, and implementation roadmap of a Signatera compliance tracking tool built using EMR data (e.g., Flatiron/OncoEMR). It is designed to help oncology clinics manage MRD draw adherence and care plan alignment in real-time.

## **Problem Statement**

- Clinics currently miss Signatera draws due to disconnects between EMR care plans and draw order timing.
- No existing tool maps actual vs. expected draws by cycle.
- Missed draws can affect compliance, care quality, and research data integrity.

## **Solution Summary**

- Create an integrated Power BI dashboard that reads EMR-exported data and highlights patient-level compliance to care plans.
- Include scatter plots, timelines, and compliance cards.
- Enable decision support for missed draws and incorporate Signatera MRD result visibility.

## **Key Features**

- Visualize draw timing across cycles (C1-C6).
- Highlight missed, on-time, and early/late draws.
- Support real-time refreshes from shared folders (OneDrive/SFTP/Power BI Gateway).
- Optionally integrate with SQL or API (e.g., Flatiron).

## **EMR Integration Strategy**

1. Daily/weekly export from Flatiron or Epic into shared folder.
2. Power BI reads Excel/CSV file and refreshes visuals.
3. Optionally pull data using API (FHIR/GraphQL) or SQL (Flatiron, Epic Clarity).
4. GitHub stores logic and ETL transformation scripts.

## **Deployment Roadmap**

- Week 1: Clinic selects care plan formats and export method.
- Week 2: ETL logic built, Excel template finalized.
- Week 3: Dashboard visuals validated.
- Week 4: Pilot launched with real data refresh.
- Week 5+: Optional expansion to MRD result modules and research data export.

## **Next Steps**

- Validate stakeholder alignment across IT, physicians, and lab staff.
- Test Power BI file with mock data.
- Deploy pilot workflow.
- Iterate on visuals and logic based on clinic feedback.