CASE STUDY

Smarter clinical trials with real-time gates and triggers

How one customer used the Suvoda Platform with unified eCOA and IRT to reduce site burden and the risk of manual error.

By seamlessly bringing together eCOA and IRT into one platform, Suvoda enables faster, cleaner execution for complex trials—particularly those with complex eligibility criteria calculations for gating of screening and randomization.

The Challenge

This dermatology sponsor faced two operational hurdles:

- **Meeting baseline data requirements before randomization:** Participants needed to complete at least four days of evening diary entries to calculate baseline skin pain and itch scores—making timely data capture and system checks essential.
- **Real-time score calculations required for screening and randomization:** Eligibility was based on symptom severity scores from patient-reported assessments (like the DLQI), which had to be calculated and evaluated in real time before participants could proceed.

Study Snapshot

- **Client:** Biopharmaceutical company
- **Therapeutic Area:** Dermatology
- **Study Design:** Randomized, double-blind vehicle-controlled with open-label extension
- **Participants:** Globally based sites using multiple languages
- **Platform:** Suvoda IRT + Suvoda eCOA

In past studies with other vendors, the sponsor had experienced manual workflows, data delays, and multi-system reconciliation, which introduced unnecessary complexity, increased risk of error, and slowed down decision-making.

The Solution

With the Suvoda Platform, IRT and eCOA worked seamlessly together—supporting smart automation and eliminating delays from disconnected data sources.

Powerful insights for clinicians and sites

In this study, prior to randomization in Suvoda IRT for a Day 1 visit, a baseline Skin Pain NRS (numerical rating scale) and Itch NRS Score requiring a minimum of 4 out of 7 evening diary entries was calculated. The randomization workflow in IRT checked the evening diary completion rate, letting the clinician and site team know if the participant did not complete the minimum number of evening diaries. This automatic check in the randomization workflow provided a user-friendly insight to the clinician and site team during the randomization visit.

Automated gating of mission-critical moments on the Suvoda Platform

Participants only moved through screening and randomization if their Dermatology Life Quality Index (DLQI) scores (captured via eCOA) met a certain threshold. Without eCOA + IRT on the same platform, sites would otherwise have to conduct cumbersome hand calculations or rely on system integrations and data synchronization timelines. Now, all eligibility calculations and gating logic are handled within a single platform—no manual checks, no human error, no data reconciliation, no wait times.

Real-time alerts and reports to keep compliance on track

As with many dermatology studies, daily diary compliance is a critical component of the study design. Reminders can help participants remember to complete daily assessments without overburdening them. Sites can generate insightful reports on participant compliance and receive alerts if participants fall behind on submitting outcomes or fail to update their devices.

The Results

1. **Reduced site burden and time saved at critical study milestones** by gating screening and randomization decisions based on real-time eCOA scoring—no manual calculations required.

2. **Eliminated system reconciliation needs** through a single platform where IRT and eCOA data are always in sync and immediately accessible.

3. **Enabled faster, more accurate decision-making** at screening and randomization by removing delays and minimizing the risk of human error.

About Suvoda

Suvoda is a global clinical trial technology company with a market-leading, real-time software platform that empowers sponsors and CROs to make confident decisions and sites and patients to take calm, controlled action. Suvoda delivers interconnected, action-driven software solutions and industry-leading services and support, so that even in the most time-sensitive, mission-critical moments, life-changing studies keep moving forward. Suvoda recently merged with Greenphire, a leading provider of clinical trial financial management and patient support tools. To learn more, visit suvoda.com and follow Suvoda on LinkedIn.

Contact us at info@suvoda.com to **book a demo**