Case Study

Ensuring Trial Continuity Through Agile Supply Chain Management

Clinical trials are dynamic by nature. Unexpected political shifts, regulatory change, or logistical disruptions can threaten trial continuity. Sponsors need a supply management system that's not only robust but also agile - capable of adapting quickly without compromising participant safety or site operations.

This case study showcases how two global sponsors leveraged Perceptive's IRT system to seamlessly relocate depots across dozens of active studies, ensuring uninterrupted treatment, dispensing, and site operations.

The built-in configurability of Perceptive's platform, combined with expert consultation, enabled rapid, coordinated responses to complex supply chain challenges.

The challenge

Both sponsors faced high-stakes scenarios requiring swift action and strategic oversight:

- Relocating a depot mid-trial
- Minimizing disruption across dozens of ongoing studies
- Maintaining uninterrupted supply to sites and participants
- Coordinating centrally across global teams

While the IRT system offers configurable options to add depots and link them to countries/sites via supply strategies, expert guidance was essential to ensure these changes were executed safely and efficiently.

Case Study

Case Study 1: Depot move from UK to EU

Key to success - Flexibility and configurability

Sponsor requirements:

- Ability to switch depot per study, on demand
- Control delegated to supply chain manager
- Immediate system updates upon switch

Outcome

- **40 studies switched successfully**
- **Zero impact on participant treatment or site operations**

IRT-enabled solution:

- Identified all impacted studies
- Pre-switch: supply chain manager transferred medication from the UK to the EU depot within IRT
- Created new depot and linked it to relevant countries/sites via configurable supply strategies
- Transferred batch records and updated country inventory settings
- Applied depot update transactions across studies
- Automated medication availability checks
- Same-day validation by IRT team to ensure correct shipment routing
- Centralized coordination across all affected studies

Case Study 2: Change of depot supplying APAC countries

Key to success - Speed and strategic oversight

Sponsor requirements:

- Simultaneous switch across all studies
- Use IRT configurability to automate changes

Outcome

- **33 studies switched successfully**
- **No disruption to participant dosing or site supply**

IRT-enabled solution:

- Identified all impacted studies
- Maintained existing depot configuration and integration to avoid deep system changes
- Leveraged IRT's built-in supply strategy settings to reassign depot links to APAC countries and sites
- Extended resupply and shipment look-ahead periods to buffer risk
- Automated shipment generation and reset look-ahead parameters
- Executed all changes across all studies in a single co-ordinated effort
- Centralized oversight ensured consistency and compliance

Why it worked

Perceptive's IRT system is designed with built-in configurability that allows sponsors to:

- Add new depots quickly
- Link depots to countries and sites via flexible supply strategies
- Make changes at the study level or across multiple studies simultaneously

While the system enables these changes, **expert consultation ensures they're implemented safely, compliantly, and with minimal risk**, especially in high-pressure scenarios.

Want to learn how Perceptive can support your trial continuity?

Contact hello@perceptive.com to speak with our IRT experts.

Or learn more at perceptive.com/rtsm-randomization-and-clinical-trial-supply-management/