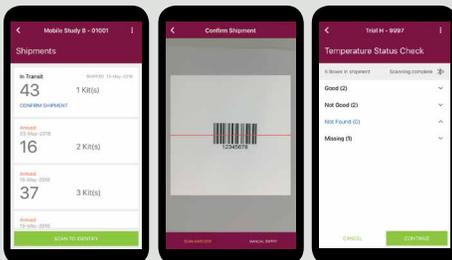


# REDUCE SITE ADMINISTRATION, IMPROVE DATA ACCURACY AND ENHANCE PATIENT SAFETY

## KEY BENEFITS:

- Increased patient safety through barcode confirmation and temperature status checks of allocated and dispensed medication
- Temperature excursion management including automated material status update
- Improved chain of custody record for supplies including temperature histogram data from packaging to dispensation
- Lower administration burden at sites through a more efficient IRT user experience
- Reduced administration for CRAs through greater confidence in data accuracy
- Available for iOS and Android in English, Chinese, French, German, Portuguese and Spanish.



Barcode scanning and automated temperature check on arrival

Clinical trials supplies management at sites typically involves a lot of administrative work using multiple forms, files and systems to process shipment arrivals (including uploads of temperature data), allocate & dispense to patients, and process returned materials for reconciliation and destruction. These cumbersome processes can lead to delays and the need for manual data entry has the potential to lead to mistakes.

By incorporating barcode scanning and temperature status checks of shipments and kits/packs (terminology is configurable), the ClinPhone® RTSM mobile app helps clinical trial site staff and CRAs/Monitors to accelerate and safeguard supplies arrivals, drug allocation and dispensation, and returns and reconciliation, saving them time and reducing the risk of dispensing incorrect or temperature compromised medication.

## ARRIVALS

Upon arrival, a shipment's barcode can be quickly scanned using the mobile device's camera, and site staff can easily confirm the date and time of arrival and note the shipment's condition.

As the individual kits in the shipment are scanned, the app automatically matches them in the system and verifies that the actual medication kits are the same as what was expected.

Temperature data can be automatically read from Bluetooth wireless temperature loggers that are packaged in the kits. Based on the configured temperature profile, ClinPhone RTSM updates the medication status to released/quarantined/damaged, which in turn can trigger automatic ordering of a replacement shipment if necessary.

## ALLOCATION AND DISPENSING

During a patient visit the investigator, pharmacist or study nurse can quickly select a subject, identify which kits to dispense, perform a final temperature read to check that no (cumulative) temperature excursions have occurred while in storage on site, and scan the kits to confirm that they were dispensed to the subject. These steps help ensure that the right kit is dispensed to the right patient and that its safety has not been compromised by temperature excursions. The steps of allocation, dispensing and dosing can be configured to be performed by different users.

## RETURNS AND RECONCILIATION

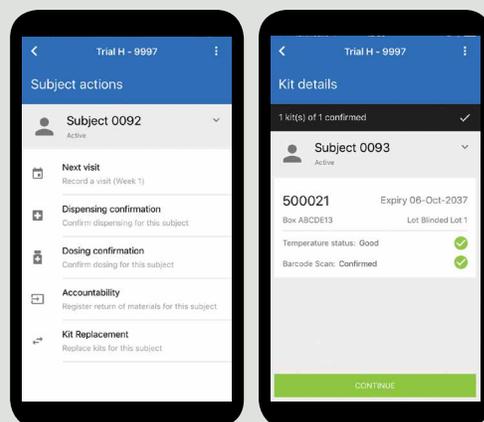
Returns can be simply processed by the investigator, study nurse or pharmacy staff. Each kit is scanned to identify it, and the user can enter the relevant information about how much of the medication has been used / unused. The CRA/Monitor can follow a similar process to perform reconciliation to verify the returns information is correct and create returns shipments.

## PROACTIVE SUPPLY CHAIN MANAGEMENT WITH ACTIVE TRACKING

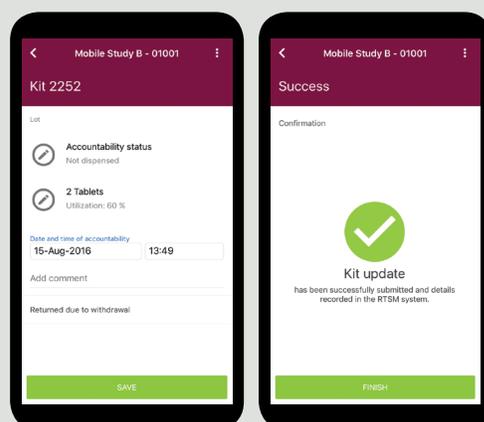
The ClinPhone RTSM mobile app can be used together with in-pack Bluetooth temperature loggers to provide medication temperature traceability from packaging through distribution and storage (depots and sites) to dispensation to patients. This capability can be provided through PAREXEL's Active Tracking service for proactive management of temperature-controlled supplies, with our Clinical Trial Supplies and Logistics experts and network of 50+ GMP compliant depots, or through a sponsor's own or 3rd party distribution network.

The ClinPhone RTSM mobile app is designed to help reduce the burden on site staff of clinical trial supplies related activities while increasing accuracy of supply chain of custody data, and to help ensure patient safety by automatically processing temperature data, that is recorded from the point of packaging through to dispensation, and actively confirming what medications they have been dispensed.

Scan with your phone or tablet to learn more about the ClinPhone RTSM mobile app.



Confirming dispensing for a clinical trial patient



Recording returned medication

**PAREXEL**  
YOUR JOURNEY. OUR MISSION.®

Corporate Headquarters  
195 West Street  
Waltham, MA 02451  
USA  
+1 781 487 9900

Offices across Europe, Asia and  
the Americas

[www.PAREXEL.com](http://www.PAREXEL.com)

