

Paper vs. Electronic Data Capture

Explore the benefits of electronic Patient Reported Outcomes (ePRO) data in clinical trials



Paper Capture

- ⚠️ Incomplete, conflicting or erroneous data entries possible
- ⚠️ Risk of manual transcription errors
- ⚠️ Data may not meet global regulatory standards
- ⚠️ Double data entry, QC check & associated data management
- ⚠️ Inefficient procedures and workflows
- ⚠️ Lengthy data entry, verification and query resolution
- ⚠️ Logistical burden of printing, shipping and returning paper diaries
- ⚠️ Data entry and verification delays access
- ⚠️ Lack of real-time visibility into patient safety and study performance
- ⚠️ Ethics & regulatory issues due to perceived burden on patients
- ⚠️ Low compliance levels without electronic reminders and motivational messaging
- ⚠️ Manual, error-prone collection of data from devices
- ⚠️ Time-consuming transcription of data



Electronic Capture

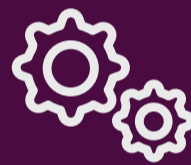
- ✅ Controlled data entry with thresholds, pre-set parameters and data entry time windows
- ✅ Automatic, real-time transfer of data into central database
- ✅ Time-stamped, attributable data with full audit trail
- ✅ Prompt database lock and transfer of clean data to sponsor
- ✅ BYOD approach eliminates cost of provisioning devices
- ✅ Automatic, real-time transfer of data into central database, shortening study timelines
- ✅ Reduced logistical burden, particularly for web and BYOD solutions
- ✅ Real-time access to data throughout the entire study
- ✅ Ability to monitor progress vs. targets throughout study and detect patient safety concerns early
- ✅ Integrated with everyday life via patient's own device (BYOD), with app easy to download
- ✅ Flexibility to offer additional support and motivation where study design allows
- ✅ Patients prefer digital collection & option to use own device (BYOD)
- ✅ Integrates with medical devices, wearables, EDC & IVR
- ✅ Wireless transmission to study database



DATA QUALITY



COST SAVINGS



OPERATIONAL EFFICIENCIES



DATA ACCESS



PATIENT EXPERIENCE



DEVICE INTEGRATION

Increase data quality through the cost-effective implementations of electronic data capture.

For more information, go to clar.io.