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Third Party Vendor Data Management - Collaboration Strategies

Topics to cover

- What is Lab Data Management?
- Challenges
- Solutions
- Case Studies
Third Party Vendor Data Management- Collaboration Strategies

Introduction

Lab Data Management

Process of collecting, organizing, and analyzing data

Challenges and Solutions

Multiple Vendors, Multiple Data Storage

Vendor Segmentation

Data/ Sample Collection

Data Analytics, Data insights through Predictive analytics

Delay in receipt

Collaboration, Issue logs

Errors arising due to poor quality of data during data transfer and merger

KPI, One digital Platform, Trainings
Third Party Vendor Data Management - Collaboration Strategies

Introduction

Predictive Analytics

- Extract information from Clinical Trials datasets, trends-resulting better data insights
- Detect AE’s by analyzing real world evidence
- Predict Medication side effects
- Study Progress
Effective Vendor Collaboration

- Deliverables
- Strategy/ Goals, Assumptions, Risks, Change Management
- Organizational commitment
- Monitoring Project Status
Vendor Performance Management

Helps organizations to mitigate risks and drive value driven outcomes.

A centralized data repository can be created to track sample status.

List of KPI’s to be shared at the time of signing the contract.
Case Study 1- Effective Collaboration

Challenges

- Milestone: Safety data analysis
- Lab Data to be analyzed
- PK, PD Samples missing in vendor database
- Unable to reconcile vendor data affecting timelines
- No communication between sites and lab
Case Study 1- Effective Collaboration Cntd...

Solutions

Identify the issue
Samples not shipped by site
Sample details not uploaded in Lab database

Frequent meetings with CRA and Lab

Agreed Action items and Action owners

Obtain requisition number from sites and track samples
Case Study 1- Effective CollaborationCntd..

Outcome

100% of samples status was known

80% of Samples were shipped and were made available in Vendor database

Samples present in Vendor- details were uploaded in database

20% samples were considered as Lost in transit

Safety Analysis achieved
Case Study 2 - Vendor Segmentation/ Metrics/ KPI

Challenges

- Multiple Vendors and multiple datasets
- Inconsistent performance by Vendor
- No mechanism to track status
Solutions

Vendor segmentation
Segregated samples based on maximum issues

Vendor which have low number of issues. Low/No risk e.g.: PgX

Vendor which have large number of issues. High risk e.g.: PK/PD

Vendor which have minimal number of issues. Moderate risk e.g.: ePRO
Solutions

Preparing Metrics, KPI, sharing on weekly basis
Case Study 2- Vendor Segmentation/ Metrics/ KPI Cntd...

Outcome

- Performance improvement was tracked
- Decision made possible to select and continue with which vendor
- Benefitted other trials
Summary

Key points to remember are:

➢ Results from TPV are crucial as used for Subject Screening, trend analysis, Monitor routine safety.
➢ Provide vendor status via KPI
➢ Highlight issues in timely manner before they stack
➢ To mitigate vendor challenges, communicate, collaborate on regular intervals.