



Society for Clinical Data Management
DATA DRIVEN

Theme:
Capabilities | Collaboration |
Change on the way to Clinical Data Science

SCDM Live

India conference

2nd - 3rd December 2022
Radisson Blu Hotel, Bengaluru

Disclaimer



The views, analysis, commentary expressed herein are those of the presenter using the information at our disposal to draw conclusions and provide insights; they do not necessarily reflect the views of any organization.

Any resemblance to anyone is purely coincidental.

Third Party Vendor Data Management- Collaboration Strategies

Topics to cover



What is Lab Data Management?



Challenges



Solutions



Case Studies

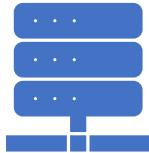
Third Party Vendor Data Management- Collaboration Strategies

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



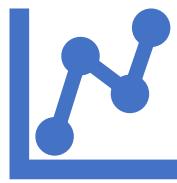
Errors arising due to poor quality of data during data transfer and merger

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

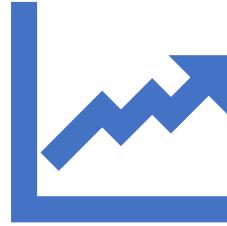


Study Progress

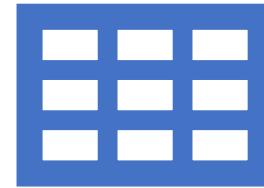
Effective Vendor Collaboration



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
communicati
on 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 Collaboration Cntd..

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

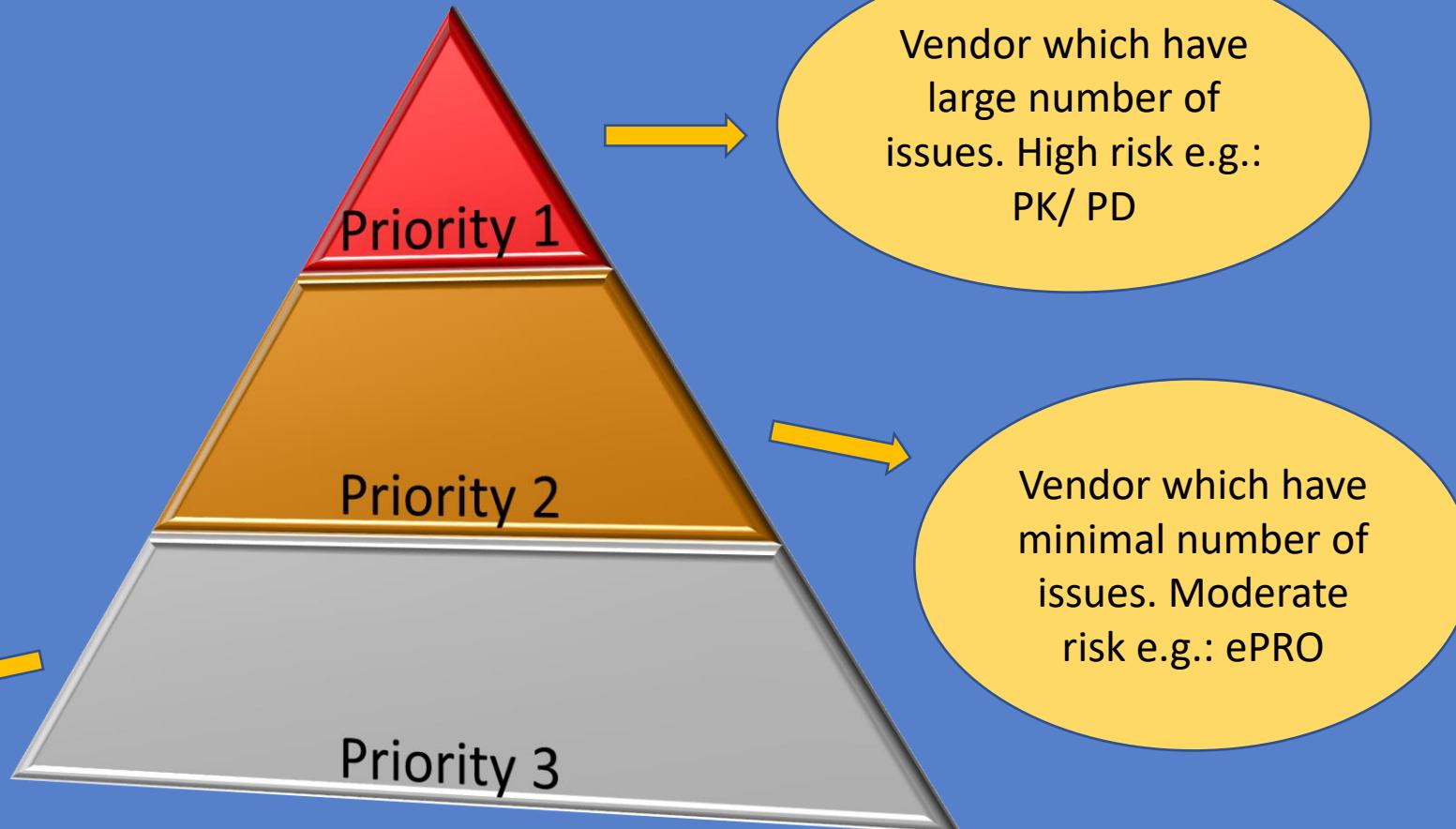
Case Study 2- Vendor Segmentation/ Metrics/ KPI Cntd...

Solutions

Vendor segmentation

Segregated samples
based on maximum
issues

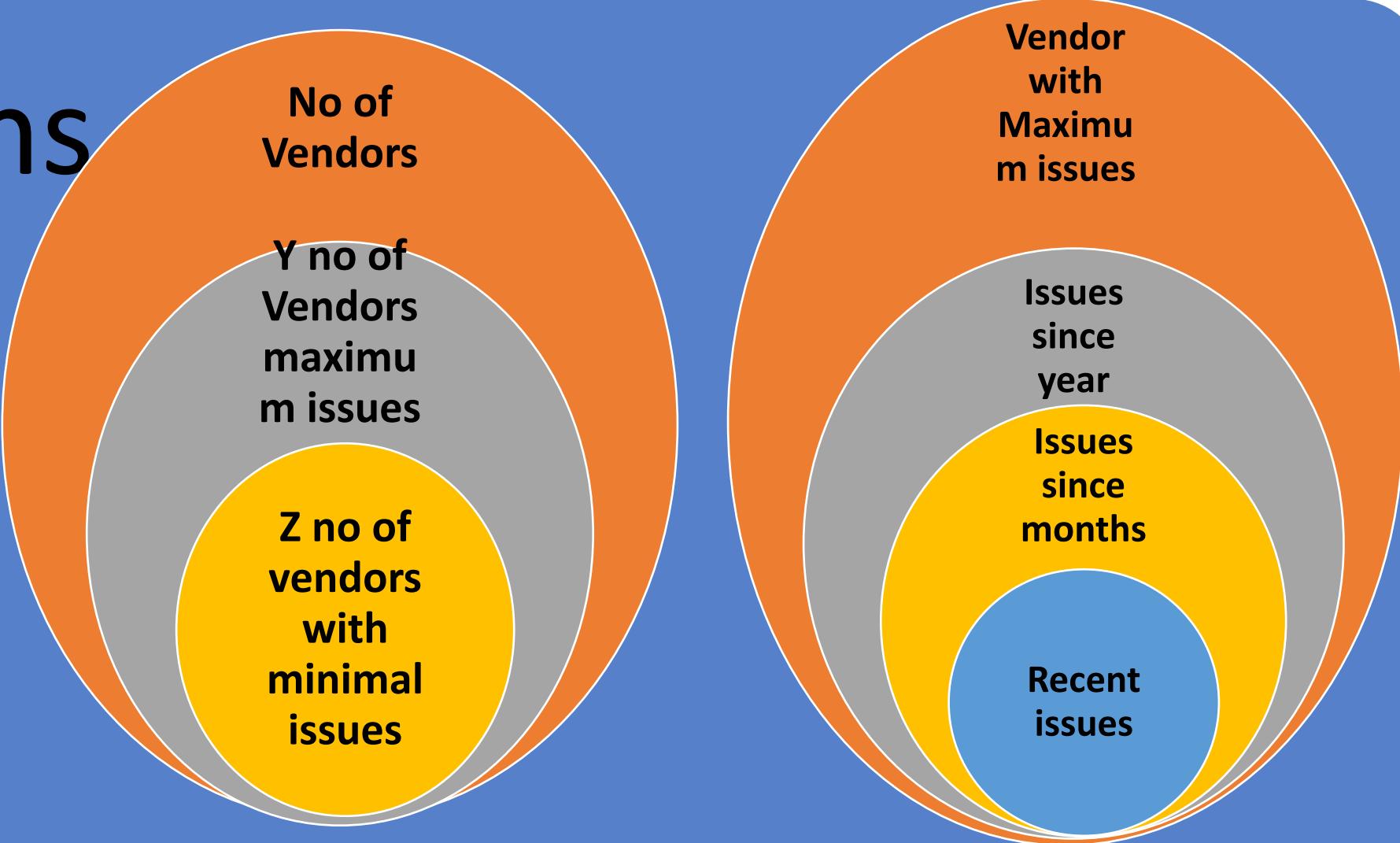
Vendor which
have low
number of
issues. Low/ No
risk e.g.: PgX



Case Study 2- Vendor Segmentation/ Metrics/ KPI Cntd...

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.

