



Society for Clinical Data Management  
DATA DRIVEN

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

**SCDM** **Live**

India conference

2<sup>nd</sup> - 3<sup>rd</sup> December 2022  
Radisson Blu Hotel, Bengaluru

# Disclaimer

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**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**

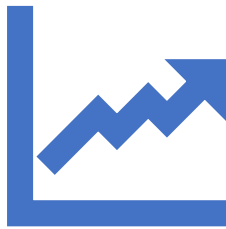


**Study Progress**

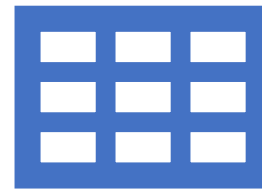
# Effective Vendor Collaboration



# 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

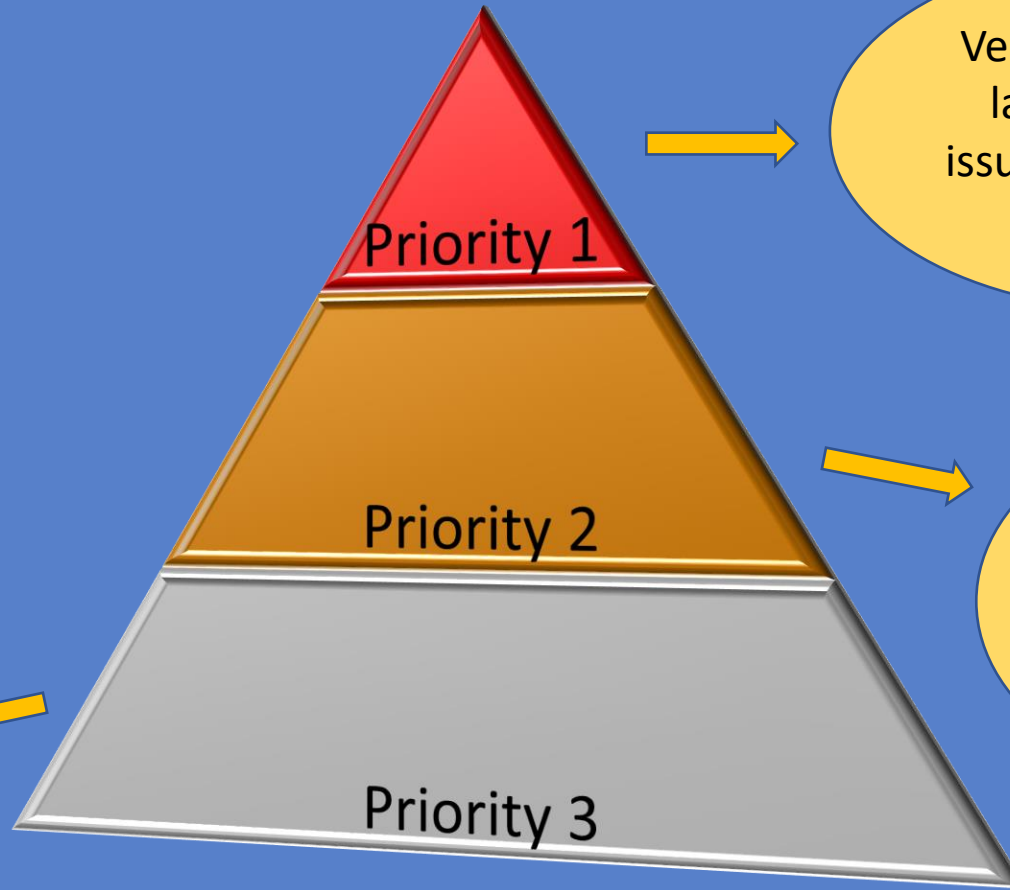
No mechanism to track status

## 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



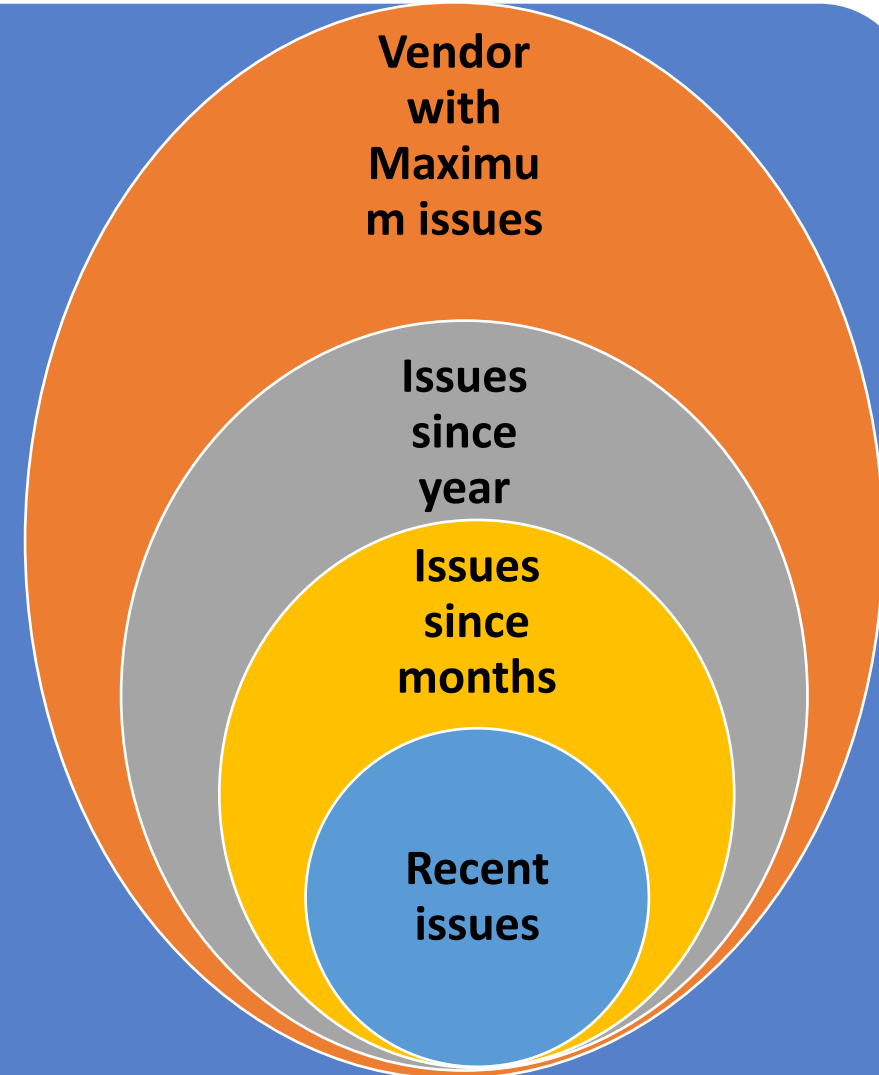
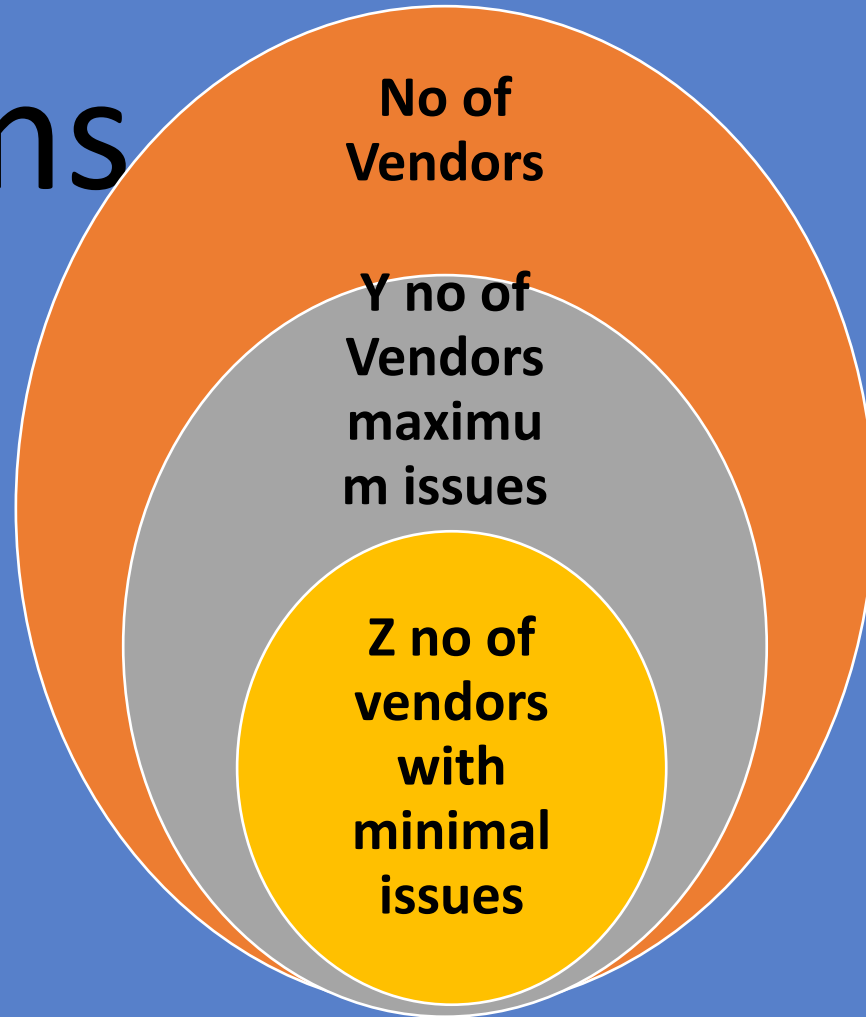
Vendor which have  
large number of  
issues. High risk e.g.:  
PK/ PD

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

## 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.**

