

## What processes are involved in the statistical analysis of clinical trial data with SAS?

Statistical analysis of clinical trial data with SAS often consists of many phases. First, data cleaning and validation are performed to verify data accuracy. The data is then summarised using descriptive statistics. Next, inferential statistics, such as hypothesis testing and confidence interval estimates, are used to evaluate treatment outcomes. Modelling approaches such as regression analysis or survival analysis can be used to investigate connections between variables. Finally, the findings are evaluated, and detailed reports are prepared for regulatory filings. Throughout this procedure, compliance with regulatory rules and standards is critical to ensuring the validity and trustworthiness of the analytical results.

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