

Generate the summary and detail reporting of market drugs information by PROC REPORT with PROC TABULATE and ODS

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The article is mainly describing PROC REPORT and TABULATE procedure in safety reporting data analysis. PROC REPORT is a powerful way to display and analysis the very large clinical trial data. Information about the patient population, drug dosages, clinical responses, and adverse events must be clear. Clinical laboratory results need to be presented within the context of acceptable limits, and subtle changes over time must be highlighted. It is mainly used to handle the risk management queries and summary reporting of market drugs to ensure its safety details

The REPORT procedure is a single report writing tool that combines features of these SAS components, PRINT procedure ability to produce detail report. MEANS procedure and TABULATE procedures have ability to summarize observations and calculate summary statistics. DATA step ability to use language features such as functions assignment statements and conditional logic to modify report, calculate new report items or perform special processing at report breaks.

Mainly the REPORT procedure produces a variety of reports of detail reports based on SAS datasets, detail reports bases on report row for every observation in the dataset or a group of observations in a subset of data. Summary reports have a report row for a group of observations in the dataset or a group of observations in a subset of data. Detail or summary reports with summary lines calculated by the procedure and you can request subtotals and grand totals independently of each other. ODS styles enable you to simply and effectively use colors and change entire reporting document outlook appearance.

Key Words: REPORT procedure, TABULATE procedure, ODS styles, Risk Management queries, Summary reporting of market drugs

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