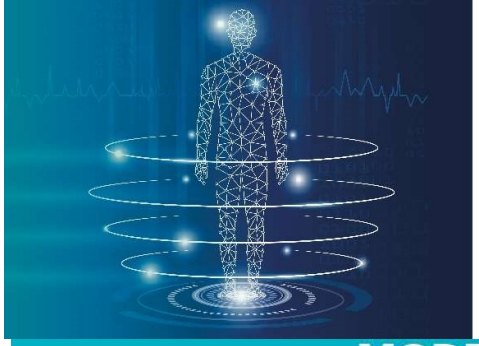

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Associazione Farmaceutici Industria
Società Scientifica

MODELLO PER RIASSUNTI DEI POSTER

TITOLO (maiuscolo)

VALIDATION OF SAS PROGRAMS FOR CLINICAL OBSERVATIONAL RESEARCH SERVICES IN SAS GRID ENVIRONMENT

Autore (i)

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Riassunto

Carattere: ARIAL
Corpo: 10
Interlinea: 1

Background:
SAS is a statistical software suite developed by SAS Institute used for data management and statistical analysis in the setting of the observational studies.
This project was aimed to pass from the SAS 9.4 and Enterprise Guide installed on personal computer to server-based SAS GRID platform with the migration of 28 SAS projects (corresponding to groups of SAS programs) and to validate in the new environment the main SAS macros.
This project was designed to enhance data management and analysis capabilities while ensuring scalability and efficiency.
Methodology:
The methodology for the project included detailed planning and execution phases, focusing on the migration of existing programs and the validation of SAS macros used in various analyses. This involved a thorough compatibility evaluation, development of a strategic migration plan, and stringent adherence to international regulations and guidelines for computer system validation.
Results:
A comprehensive validation process was undertaken between April 2023 and May 2023, encompassing six SAS macros.
This rigorous validation ensured their functionality and reliability, thereby enhancing the data processing capabilities of the system.
Afterwards, over a span of two months, from June 2023 to August 2023, a total of 28 SAS projects for different types of output (e.g., data cleaning, dashboards, statistical reports) transitioned flawlessly to the SAS GRID infrastructure, ensuring uninterrupted progress in research endeavors.
Conclusion:
The migration to SAS GRID was successful implemented.
This result underscores the feasibility and benefits of transitioning to virtual infrastructure solutions for enhanced project management. Moreover, the adherence to regulatory standards allowed to maintain SAS programs' integrity and compliance with Good Clinical Practice guidelines, as applicable for observational research.

IMPORTANTE: inviare il testo in formato (word o pdf) editabile e NON in formato immagine.

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