REPORT ON

AWARENESS PROGRAM ON DATA-CENTRIC CLINICAL RESEARCH

The ISTE Chapter NNRG & School of Pharmacy organized an insightful session on "Data-Centric Clinical Research" on the 21st of May, 2024. The session featured distinguished guests including Dr. Krishna Mohan Chinnala, Dr. G. Janardana Raju, Dr. T. Ravindra Reddy, Dr. T. Pavan Kumar, and Dr. S. Ravichand, who shared their expertise and insights on this crucial topic. The event was attended by students from the I, II, and III years of B.Pharmacy

Dr. Chinnala addressed:

1. Enhancing Reliability and Validity

Accurate Data Collection: Precise and thorough data collection ensures that the research findings are reliable and can be replicated in future studies.

Validity: Comprehensive data helps in establishing the validity of the research, confirming that the results are a true reflection of the phenomena being studied.

2. Informed Decision-Making

Evidence-Based Decisions: High-quality data enables researchers and healthcare professionals to make informed decisions based on solid evidence rather than assumptions or incomplete information.

Risk Management: Accurate data helps in identifying potential risks and developing strategies to mitigate them, ensuring patient safety and research integrity.

3. Regulatory Compliance

Adherence to Standards: Proper data management ensures compliance with regulatory requirements and ethical guidelines, which is crucial for the approval and credibility of clinical research.

Transparency: Detailed and accurate data collection promotes transparency, facilitating regulatory reviews and audits.

4. Advancing Medical Knowledge

New Insights: Comprehensive data analysis can lead to new insights and discoveries, contributing to the advancement of medical knowledge and the development of new treatments and therapies.

Trend Analysis: Longitudinal data allows researchers to identify trends and patterns, enhancing the understanding of diseases and their progression.

5. Improving Patient Outcomes

Personalized Medicine: Data-centric research supports the development of personalized treatment plans tailored to individual patient needs, improving outcomes and patient satisfaction.

Clinical Trials: Accurate data is essential for designing and conducting clinical trials that evaluate the efficacy and safety of new treatments.

The event included interactive sessions where students had the opportunity to engage with the speaker, ask questions, and discuss their thoughts on the topics covered. These sessions facilitated a deeper understanding of the complexities and critical aspects of data-centric clinical research.

Conclusion

The session on "Data-Centric Clinical Research" was a comprehensive and enlightening experience for all attendees. The knowledge imparted by the resource persons provided students with a solid foundation in understanding the critical role of data in clinical research. The event underscored the importance of data accuracy, management, and regulatory compliance in conducting effective and ethical clinical research.

Special thanks to the ISTE Chapter NNRG & School of Pharmacy for organizing this event and to the resource persons for sharing their valuable expertise. The participation of the students from the I, II, and III years contributed to the success of the program

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