

Symposium C5: Methodological Challenges in Intervention Research

Integrative Summary: Methodological Challenges in Intervention Research

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As the National Institutes for Health and National Institute for Nursing Research priorities trend towards research that can be translated into the clinical practice setting, intervention research is becoming an expectation for nursing science development. However, this type of research is challenging due to the dynamic nature of both the clinical environment and the variability of human responses. Due to the highly complex nature of intervention studies, researchers must proactively consider potential challenges throughout the entire research process and make accommodations as needed to ensure ethical principles and methodological rigor are maintained. This symposium will be framed by three themes which undergird the intervention research process: researcher ethics, design considerations and participant tailoring. Vital for a successful intervention study, researchers must consider the ethical principles associated with equipoise and be attentive to potential conflicts of interest. Additionally essential are design aspects, including recruitment within novice research sites and inclusion of ethnic minorities, with customization of the research process to ensure informed consent and health literacy features are tailored to the target population. Through presentation of select methodological challenges and suggested strategies to maximize the impact of intervention research by nurse scientists; we hope to initiate discussion and critical discourse to inform future intervention research efforts.