

[Session for Knowledge Development and Practice by WANS members organization]

Young Scientists Committee, Japan Academy of Nursing Science

SKD-1

Next-generation knowledge development approach through team science

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New technologies and concepts such as medical big data, artificial intelligence, robotics, personal health record, real-time data collection, and personal optimization are flowing into the world of medical services, and the society is entering a phase of major change. To enhance the process of knowledge development to tackle the challenges nurses face, team science is a good strategy to integrate wide varieties of disciplines that can help build up new theory and practice.

This Information Exchange session includes 1. introduction, 2. research idea sharing, 3. group discussion, and 4. wrap-up.

In the introduction session, we will provide general ideas regarding what "team science" is, and how and why it is so important in current times. In the research idea sharing session, some new ideas from young researchers to support next-generation knowledge development will be shared. The keywords of the talks will include sociology, psychology, information and communication technology, molecular biology, microbiology, global health, transcultural research, etc. In the group discussion session, participants will form several groups to discuss the "Possibility of Team Science." During this session, group members will discuss with each other about what they do to solve the clinical problems they are currently working on with the help of team science research framework. All attendees will participate in the discussion. Finally, we will hear some expectations for young nursing researchers from senior nursing research scientists.

This session will guide you towards a new frontier to promote your research to a higher level and make a greater impact.