



APPLYING THEORY TO THE PROCESS OF INTERNATIONAL RESEARCH

Kasey Chance, DNP, FNP-C

Brandy L Simpler, DNP, RN

Johanna Alberich, PhD

Jeffery W Forehand, PhD, DNP, RN-BC, CNE

Amy Yoder Spurlock, PhD, RN

DISCLOSURES

- School of Nursing, Troy University, Troy, AL, USA
 - 4 campuses delivering traditional and online programs (ASN, BSN, MSN, DNP)
- College of Communication and Fine Arts, Troy University, Troy, AL, USA
- The authors declare no conflict-of-interest, sponsorship, or commercial support was provided.

LEARNER OBJECTIVES

- Identify ways to incorporate theory into international research efforts
- Describe the steps of Orlando's deliberative nursing process theory in the context of one study
- Identify barriers and benefits to international research

PURPOSE

- Explore the authors' experiences in developing and conducting an international research study in Costa Rica using Orlando's deliberative nursing process theory (ONT) including the steps of:
 - Assessment
 - Diagnosis
 - Planning
 - Implementation
 - Evaluation

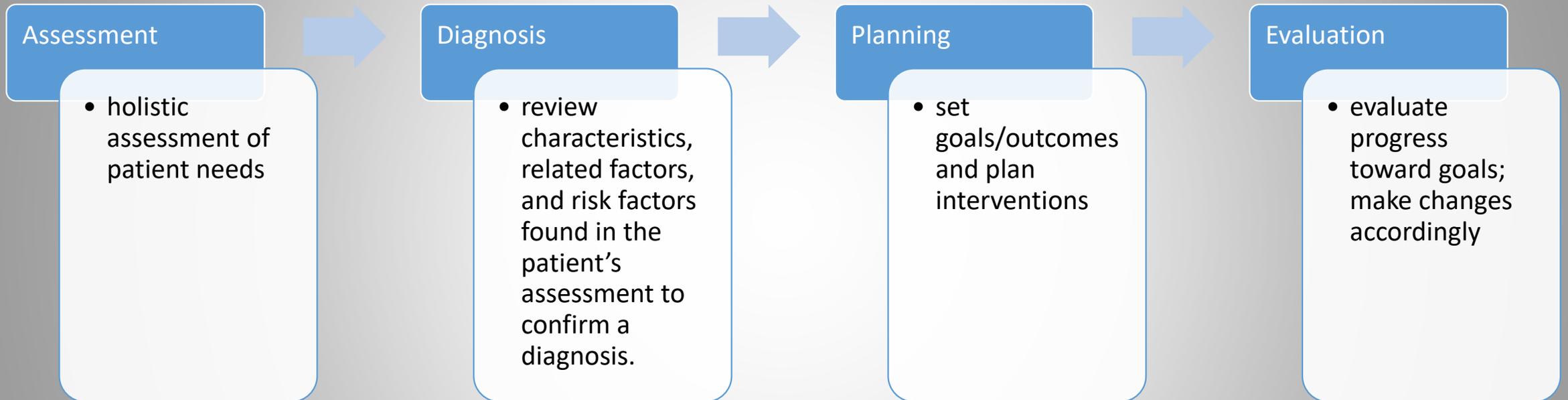
USE OF THE ONT IN RESEARCH STUDIES

- Successful management of distressful behavior in an extended care setting
- Reduction in patient distress using theory-based interventions
- Useful in the development of a safety agreement tool to identify immediate patient needs and decrease patients' immediate distress
- Positive impact on patient outcomes in a perioperative clinical setting

CURRENT STUDY

- Result of a partnership between two international universities and its nurse educators
- Design: Exploratory survey research design
- Purpose: to compare student nurse attitudes toward older adults in the U.S. and Costa Rica.
- Sample: 169 U.S. and 100 Costa Rica nursing students
- Tool: Kogan Attitudes Toward Old People Scale (Kogan OP Scale)

ORLANDO'S THEORY



APPLYING THEORY

- Assessment:
 - Lack of desire to work with elderly patients among U.S. BSN students identified
 - Assumption that differences would exist in attitude toward the elderly due to influence of varying family dynamics
- Diagnosis:
 - Personal perceptions of the researchers regarding the culture of interest identified
 - Perceptions validated through collaborative communication via international partnership
 - International research needed to explore student attitudes

APPLYING THEORY

- Planning:
 - Plan formulated via existing international relationship and through interdisciplinary collaboration to implement research
 - Kogan OP tool translated into Spanish by Spanish professor, and reversed translated into English by a separate Spanish professor to ensure accuracy
- Evaluation:
 - Data gathered & evaluated using IBS SPSS version 25.0
 - Similarities found in overall scores

RESULTS

Mean, Standard Deviation and Range of KOAP Total Scores (N = 269)

	United States (N = 169)			Costa Rica (N = 100)		
	<u>M</u>	<u>SD</u>	<u>Range</u>	<u>M</u>	<u>SD</u>	<u>Range</u>
KOAP Total Score	121.84	9.45	69-146	120.32	12.30	88-189
KOAP Positive Scale	51.13	7.16	27-66	50.60	10.09	25-81
<u>KOAP Negative Scale</u>	<u>70.71</u>	<u>9.49</u>	<u>32-97</u>	<u>69.72</u>	<u>8.10</u>	<u>52-93</u>

BARRIERS TO INTERNATIONAL RESEARCH

- Language barrier
- Cultural differences in expectations regarding time limits
- Lengthy IRB process in Costa Rica

BENEFITS OF INTERNATIONAL RESEARCH

- Broadening of knowledge of nurses across diverse populations
- Enrich educational curricula and influence policy
- Develop beneficial alliances
- Enhance cultural competence through increased cultural awareness
- Improve population health across the world

DISCUSSION

- ONT can be used as a roadmap to future international nursing research efforts
- Helpful in identifying personal perceptions, thoughts, and feelings toward the culture of interest
- Ability to formulate research interventions based on the needs of the identified population
- Allows the nurse researcher to identify whether the research goals can be met and if further research is needed

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