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Qualitative Research Designs

NURS 485 – The Discipline and Profession of Nursing III

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Today's Lecture

- Overview of qualitative research in contrast to quantitative methods
- General principles of qualitative research
- Introduction to main qualitative methodologies

Qual and Quant Research



- Studies QUANTITIES
- Large groups
- Trends



- Studies QUALITIES
- Small groups
- Specific experiences

Methodology vs. Methods

- Overall approach vs. specific tools or techniques
- Which do I use? Need to respond to research question and align with ontology and epistemology



General Principles in Qualitative Research

Sampling in Qualitative studies

- People participate in research and help create knowledge
- Purposive sampling rather than random- find people who are experts in that topic
- Convenience sampling- people who are practically available
- Snowball sampling- participants refer others to the study
- How many people do you need? “Saturation” until you know the story of the topic

Data Collection in Qualitative Research

- Interviewing or talking to generate data
 - Individuals
 - Focus groups
- Observation
 - Participant
 - Non-participant
- Text and images
 - Things you find
 - Things participants create

Data Analysis

- Find key concepts in text or images
- Text can be interview transcripts, observational notes, diaries etc.

Data analysis

So people are aware what we do but I don't think they understand what we do, and I think that they might come into the unit and see you sitting at a computer, and you're in the middle of inputting this patient data which is all about – not just about the trial but it's about patient safety, it's about integrity of your data. Because as you will know, rubbish in, is rubbish out, and, you know, if we want drugs approved so that millions of patients in the future can benefit from these drugs we have to be very careful about the information that we are putting in and make sure it's accurate. But they perceive you to be sitting at the computer doing nothing.

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Data Analysis

How would you measure outcomes? ^{your opinion - hypothesis}
 sick time? self-perception?
 proxy?

What does resilience look like? → how do they process?

→ Process

→ ICU

→ Workplace

→ Resources?

Hospital context
 pts, families, staff, multidisciplinary, physical environment
 Policies; political context, services
 program review?

Process - primary
 Compare every aspect
 what's asked how was it use
 same methodology
 different measure
 assess elements
 you can compare
 themes

Voice of nurses
 why do they do what they do

interpersonal support

barriers?
 to support

Regular shift

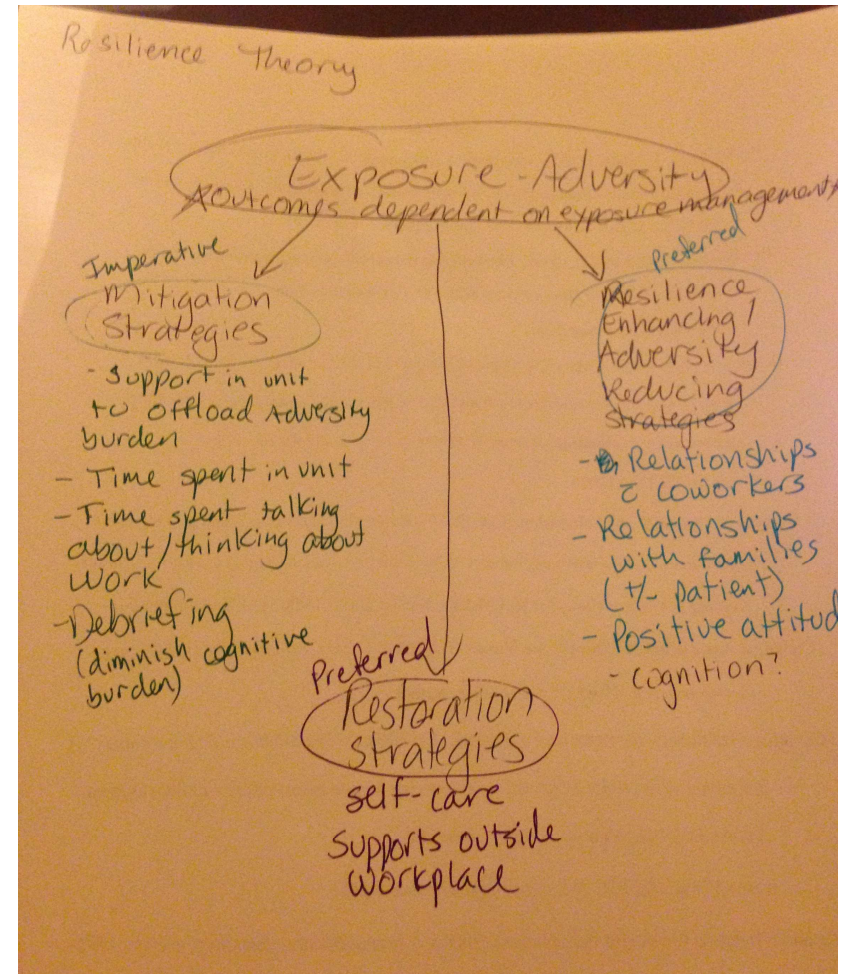
→ Adversity

in the moment, on a shift, how do you cope?
 confined to the hospital
 help people understand during interview prompt
 meaningful/important coping - process of you being you being resilient on a shift:
 long term, help your resilience? beyond 1 shift
 what would help improve this? - as probe

appraisal/implementation
 identification of resource

what comes up first - most important coping

stigma



**In any methodology,
qualitative researchers
value participant
experiences**

Methodologies in Qualitative Research

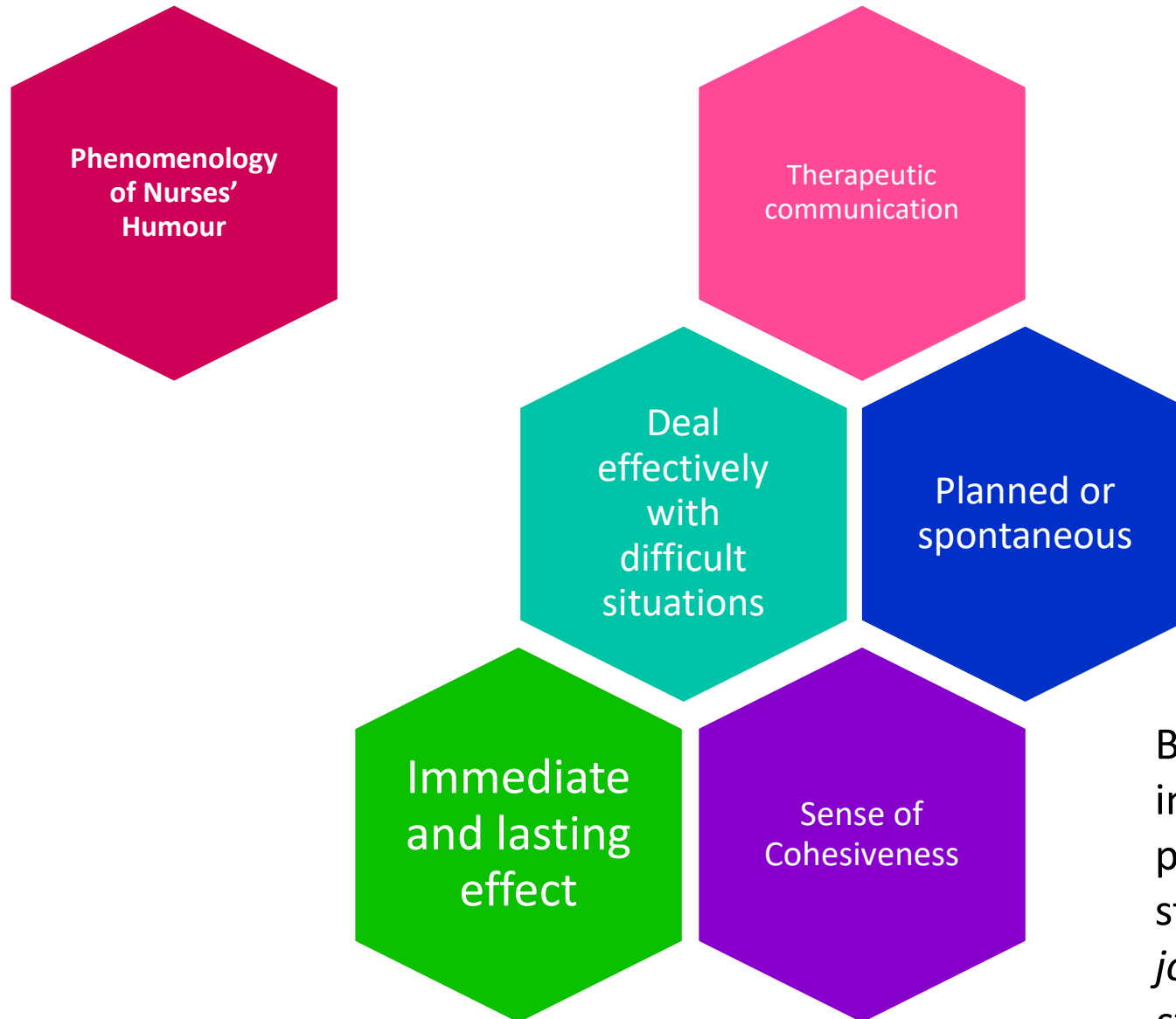
Several main types

- Phenomenology
- Grounded Theory
- Ethnography
- Interpretive description

Phenomenology

- Addresses questions of experience
- “what is the experience of undergraduate nursing students learning about research?”
- Seeks the “essence” of a phenomenon- how has this changed a person’s life? How they see themselves?
- Addresses questions of understanding
- “How might we understand students’ sense-making about research methods in relation to practice?”

Phenomenology - Example



Beck, C. T. (1997). Humor in nursing practice: a phenomenological study. *International journal of nursing studies*, 34(5), 346-352.

Grounded Theory

- Addresses questions of how things happen – what is the process?
- Generates a theory that can be tested, applied, and modified in other contexts.
- Capacity to inform policy, practice, etc.
- ***Predictive Capacity*** is what separates Grounded Theory from other qualitative studies

Grounded Theory



Jackson, J., Vandall-Walker, V., Vanderspank-Wright, B., Wishart, P., & Moore, S. L. (2018). Burnout and resilience in critical care nurses: A grounded theory of Managing Exposure. *Intensive and Critical Care Nursing*, 48, 28-35.

Ethnography

- Describes and interprets culture
- *What is it like here?*
- Emphasis is on a wider system, rather than an individual
- Can have different types: focused ethnography, institutional ethnography, meta-ethnography
- Hallmark is participant or non-participant observation
- May also use interviews, documents, personal reflections

Ethnography - Example



Allen, D. (2015). Inside 'bed management': ethnographic insights from the vantage point of UK hospital nurses. *Sociology of Health & Illness*, 37(3), 370-384.

Interpretive Description

- Began as a way to solve clinical problems. Flexible method for nursing
- Builds analytic framework
- Uses prior knowledge
- Various types of data
- Theoretical sampling (theories and prior knowledge tell you who your best sample will likely be)

Interpretive Description - Example



ENABLING WORK

Nurses sustain the profession and the healthcare system, through education, research, leadership, and policy development.



MANAGING WORK

Nurses manage the context of care, whether it be a hospital or a other setting. Managing work makes the healthcare system run.



CLINICAL WORK

Clinical work occurs in a wide range of settings, with direct interaction with patients and those important to them.

Methodology summary

Methodology	What does it study?	Usual methods
Phenomenology	Experience	Repeated interviews
Grounded theory	Process	Interviews
Ethnography	Culture	Observations
Interpretive description	Situation or problem	Varies



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Thank you!

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