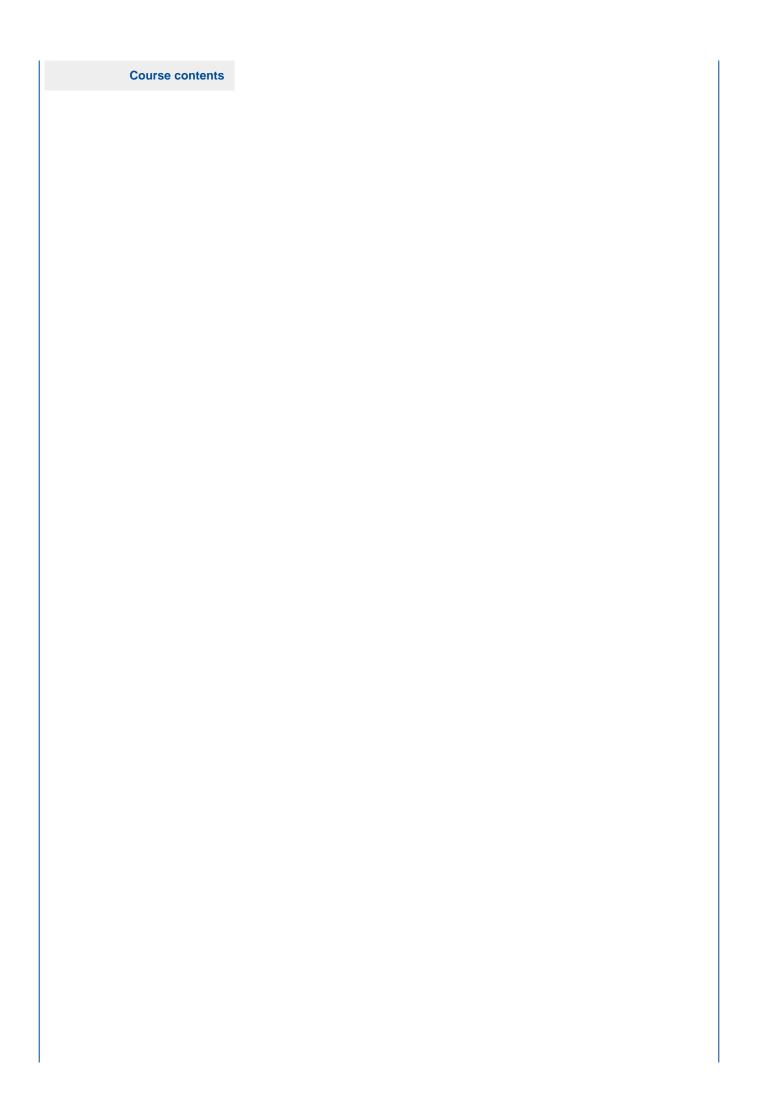


Anno Accademico 2020/2021

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|---------------------------------------|---|--|
| APPLIED QUANTITATIVE NURSING RESEARCH | | |
| Enrollment year | 2020/2021 | |
| Academic year | 2020/2021 | |
| Regulations | DM270 | |
| Academic discipline | MED/45 (GENERAL, CLINICAL AND PEDIATRIC NURSING) | |
| Department | DEPARTMENT OF PUBLIC HEALTH, NEUROSCIENCE, EXPERIMENTAL AND FORENSIC MEDICINE | |
| Course | NURSING AND MIDWIFERY SCIENCES | |
| Curriculum | PERCORSO COMUNE | |
| Year of study | 1° | |
| Period | (15/03/2021 - 04/06/2021) | |
| ECTS | 2 | |
| Lesson hours | 16 lesson hours | |
| Language | Italian | |
| Activity type | WRITTEN TEST | |
| Teacher | CARUSO ROSARIO | |
| Prerequisites | | |
| Learning outcomes | Understanding the potential and limitations of the research methodology in the biomedical and care fields; Know the stages of the process applied to research Know the Ethical Principles of Research Acquire the knowledge that allows you to critically evaluate a research problem Know the elements necessary to critically read and analyze a scientific article; Understand the processes of transferring research results to nursing practice; | |

generate research hypotheses.

Prepare critically for the identification of nursing questions that could



General knowledge of nursing research and its role in evidence-based practice

Quantitative Research: Phases of the Quantitative Research Process: Research Drawings used in Nursing; Describe the process that transforms a research problem into a research question;

Explain the differences between the definition of the problem and the definition of the purpose of the research;

Critically analyze problem definition and purpose definition in a research article

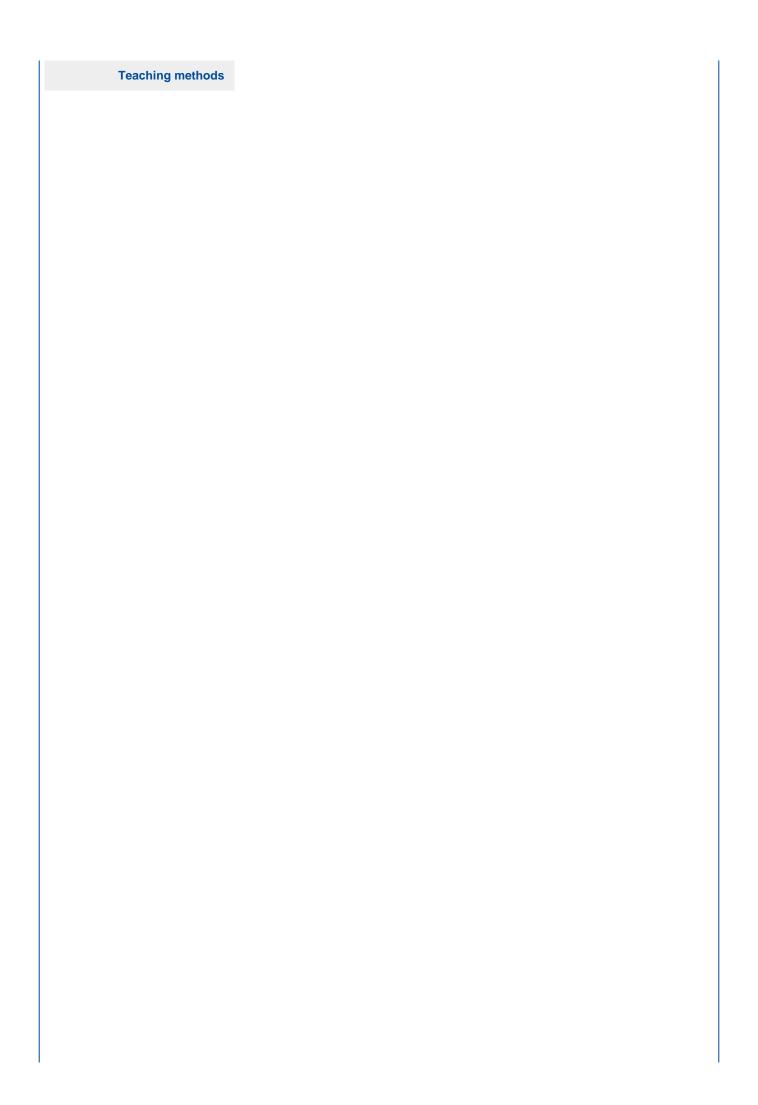
Describe the difference between dependent variable, independent variable, extraneous variable;

Describe the nursing research questions;

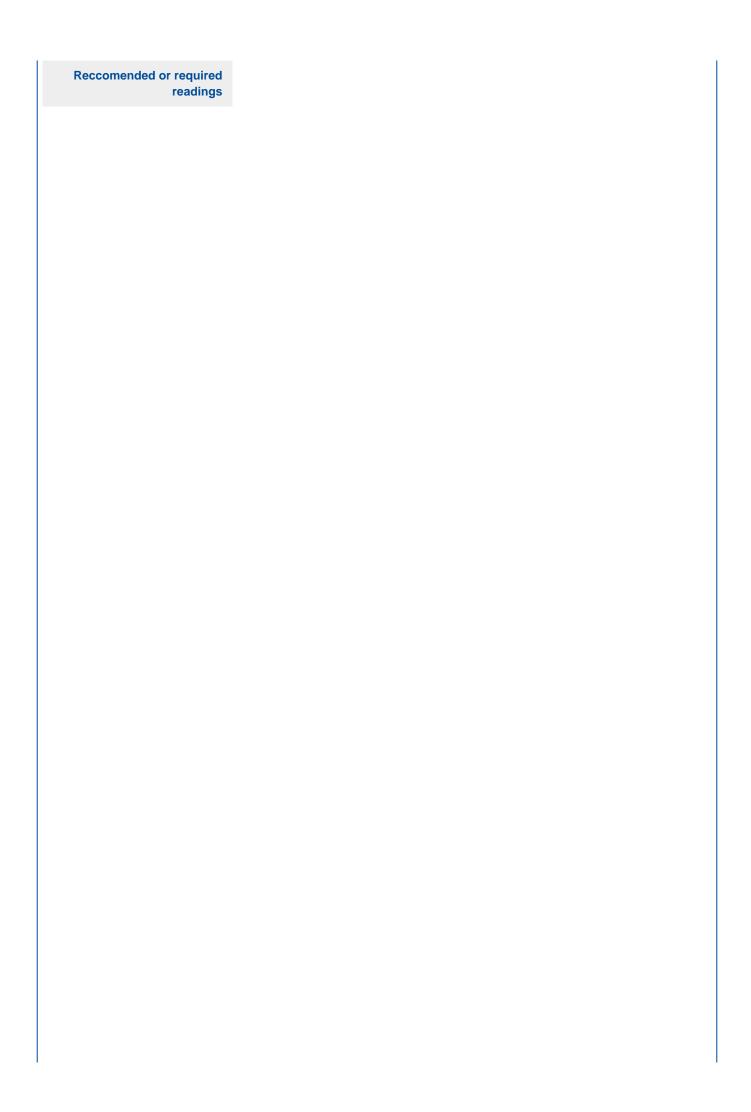
Describe the main study designs in relation to the research question; Describe the hierarchy of scientific evidence in relation to the study design.

The Scientific Literature

Critical Evaluation of an Interactive Educational Scientific Article - Practical Exercise



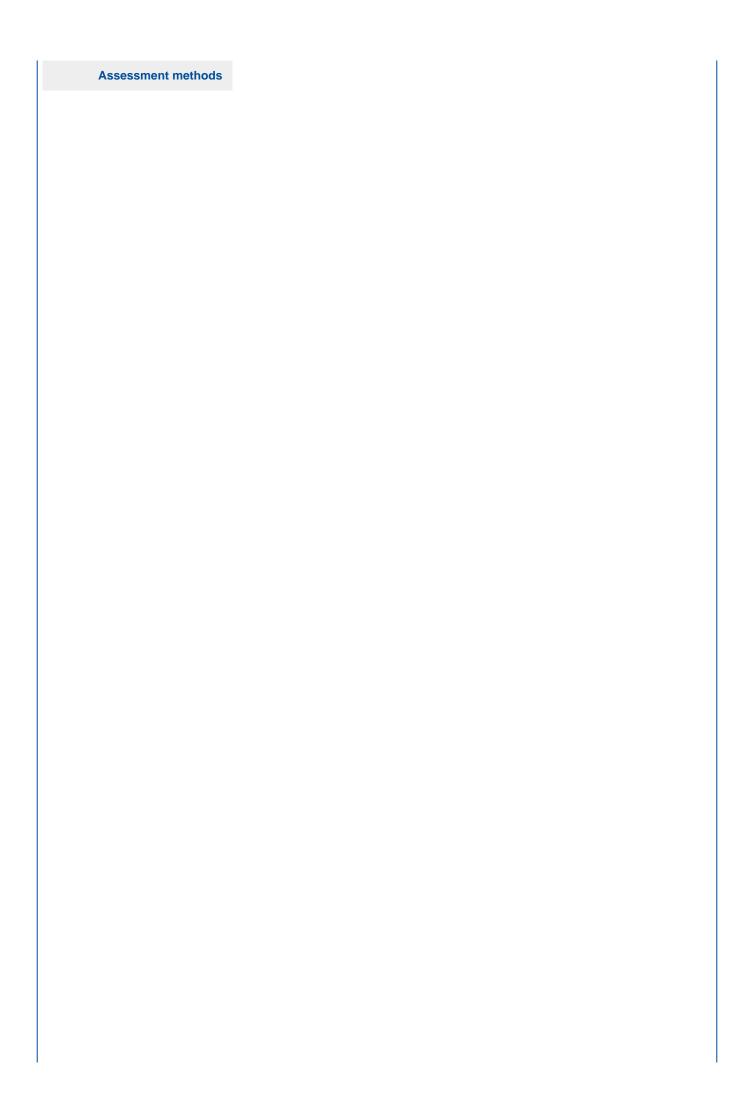
Frontal lessons Interactive teaching Practical demonstrations Group practical exercises



Fondamenti di Ricerca infermieristica. Polit & Beck. Traduzione a cura di Alvisa Palese. McGraw Hill, 2014

"Metodologia della Ricerca Infermieristica" Geri Lo Biondo-Wood Judith Haber; Edizione italiana a cura di Julita Sansoni. McGraw-Hill, 2004;

. La ricerca infermieristica: leggerla, comprenderla e applicarla. Fain J.A; McGraw-Hill, 2° edizione. Milano 2004.



Individual Written essay: Critical analysis of a scientific article in English, (chosen by the Student) through the use of Grid (Fain, 2004) provided by the teacher. The verification will consider the following points: General knowledge of nursing research and its role in evidence-based practice

Quantitative Research: Phases of the Quantitative Research Process: Research Drawings used in Nursing; Describe the process that transforms a research problem into a research question;

Explain the differences between the definition of the problem and the definition of the purpose of the research;

Critically analyze problem definition and purpose definition in a research article

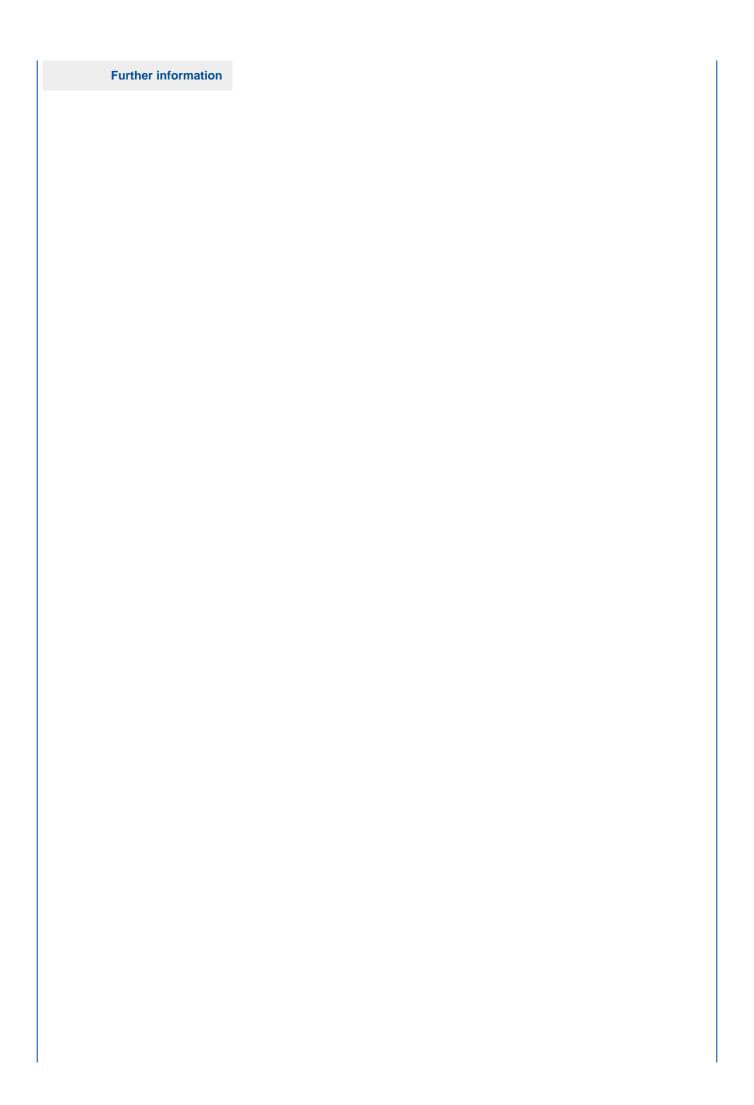
Describe the difference between dependent variable, independent variable, extraneous variable;

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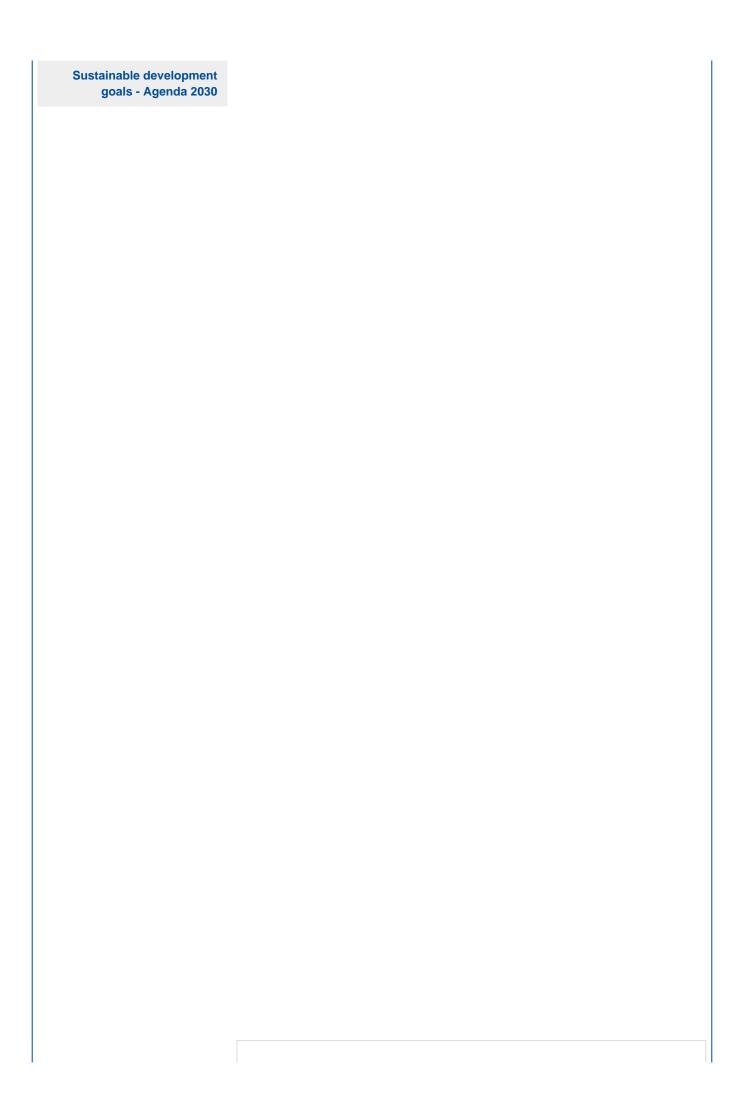
Describe the main study designs in relation to the research question; Describe the hierarchy of scientific evidence in relation to the study design.

The Scientific Literature

Critical Evaluation of an Interactive Educational Scientific Article - Practical Exercise.



| Peer Review Scientific Papers will be used during the lessons |
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