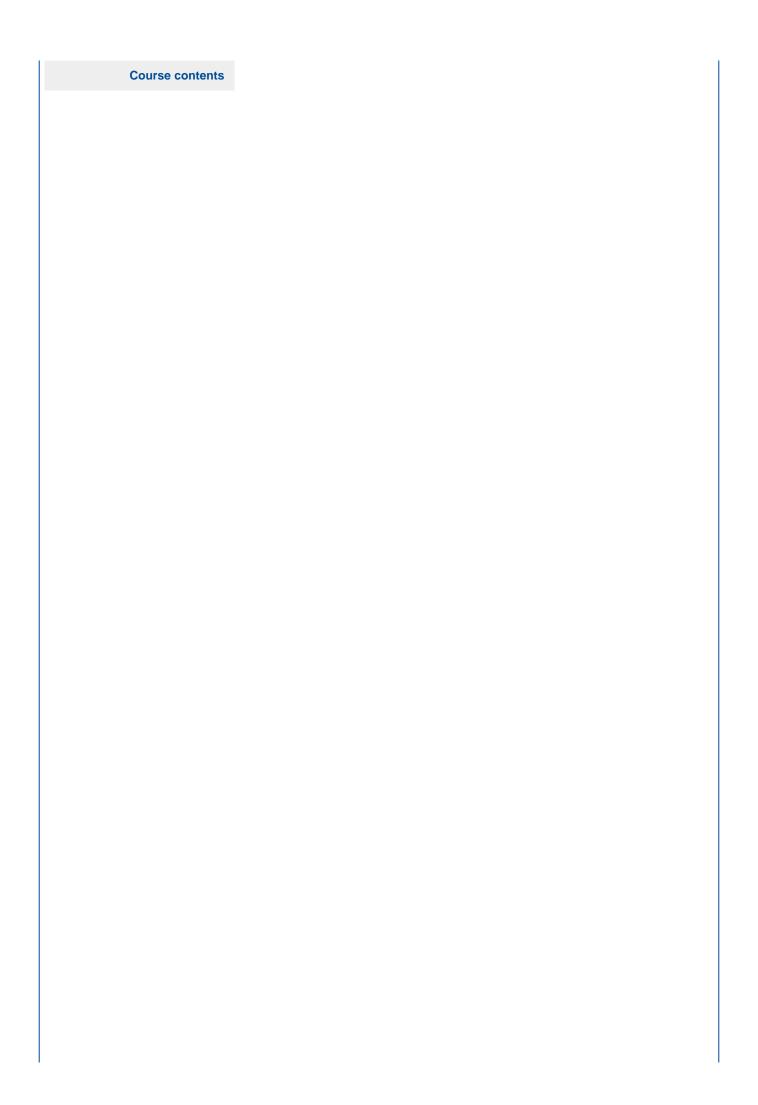


## Anno Accademico 2020/2021

Anno Accademico 2020/2021		
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

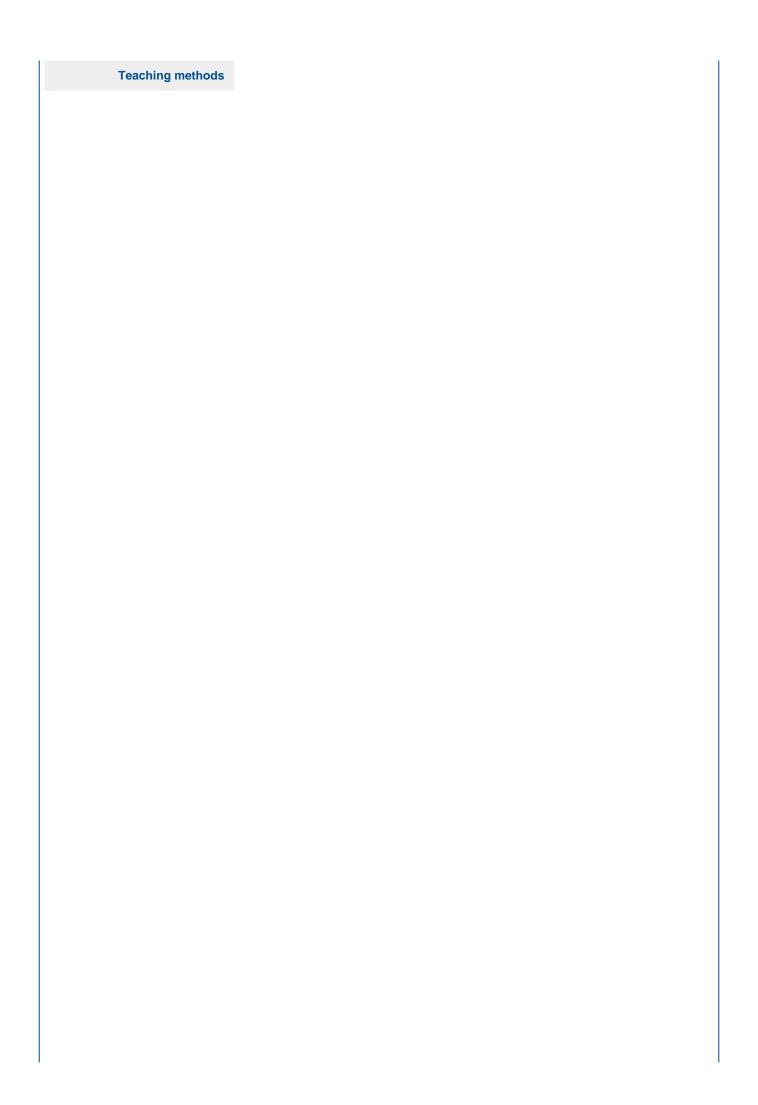
Describe the difference between dependent variable, independent variable, extraneous variable;

Describe the nursing research questions;

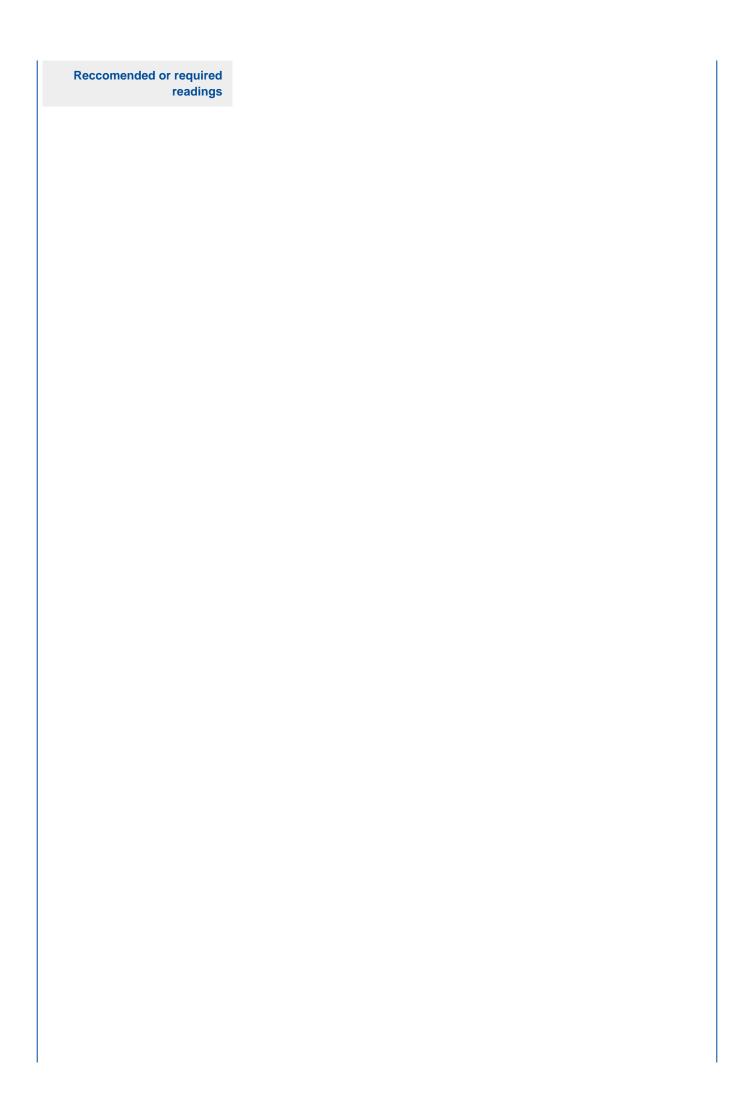
Describe the main study designs in relation to the research question; Describe the hierarchy of scientific evidence in relation to the study design.

The Scientific Literature

Critical Evaluation of an Interactive Educational Scientific Article - Practical Exercise



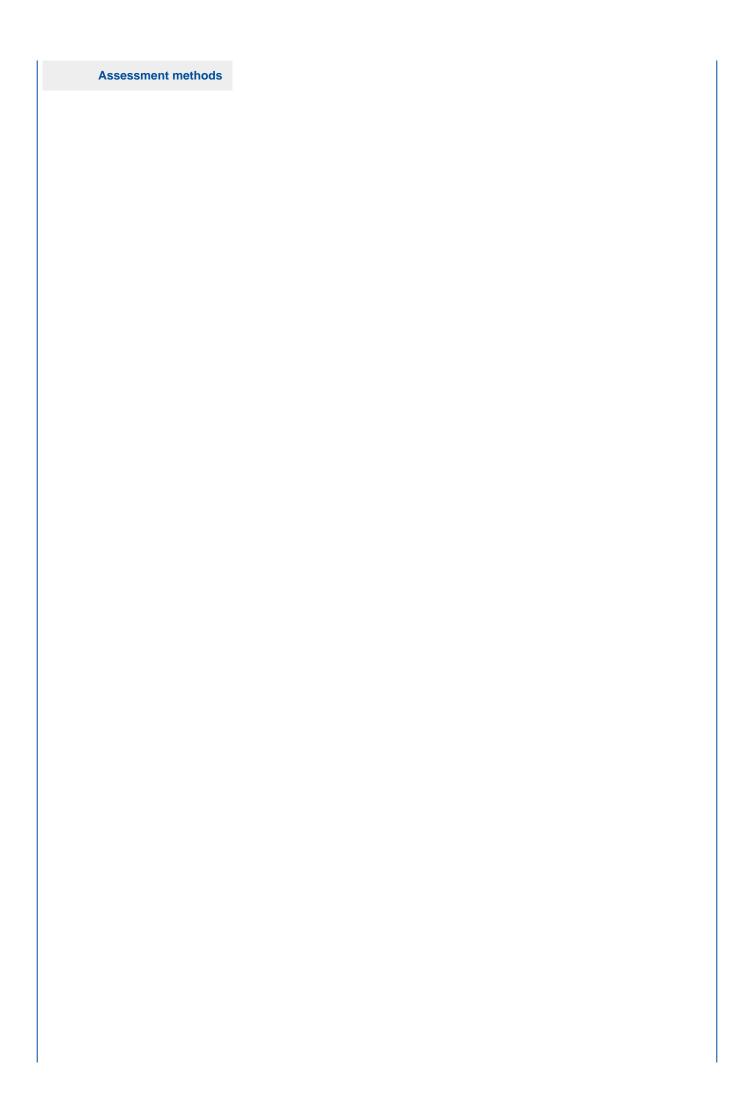
Frontal lessons Interactive teaching Practical demonstrations Group practical exercises



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,  $2^{\circ}$  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

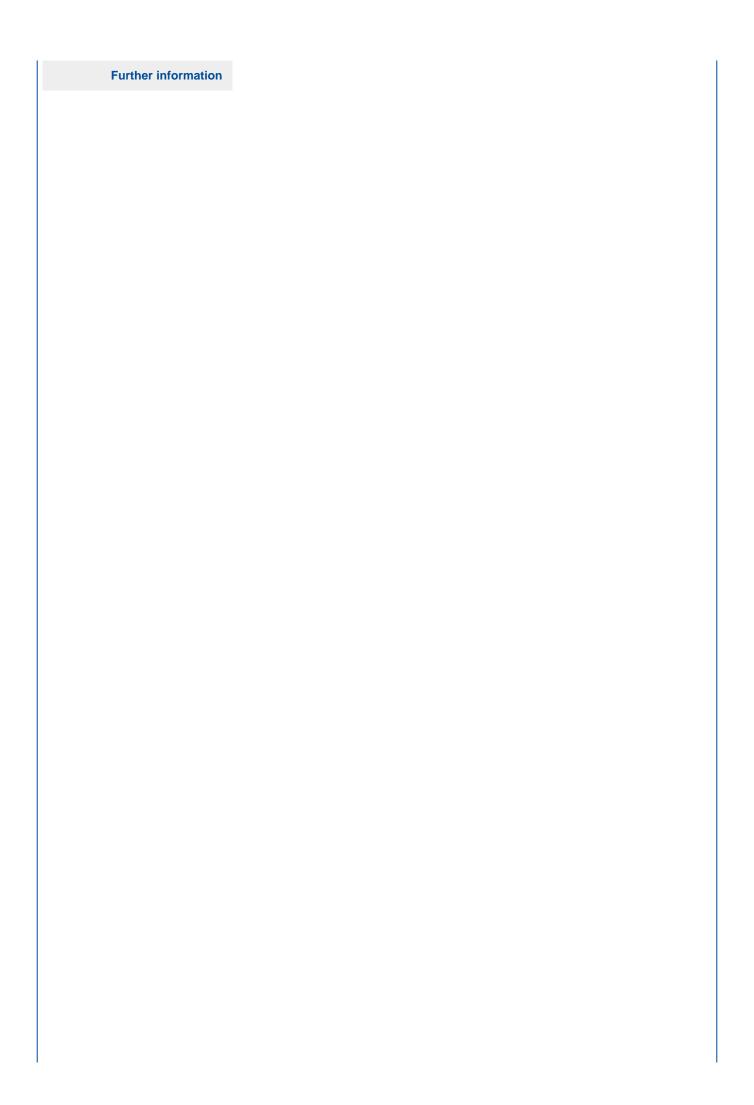
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Describe the nursing research questions;

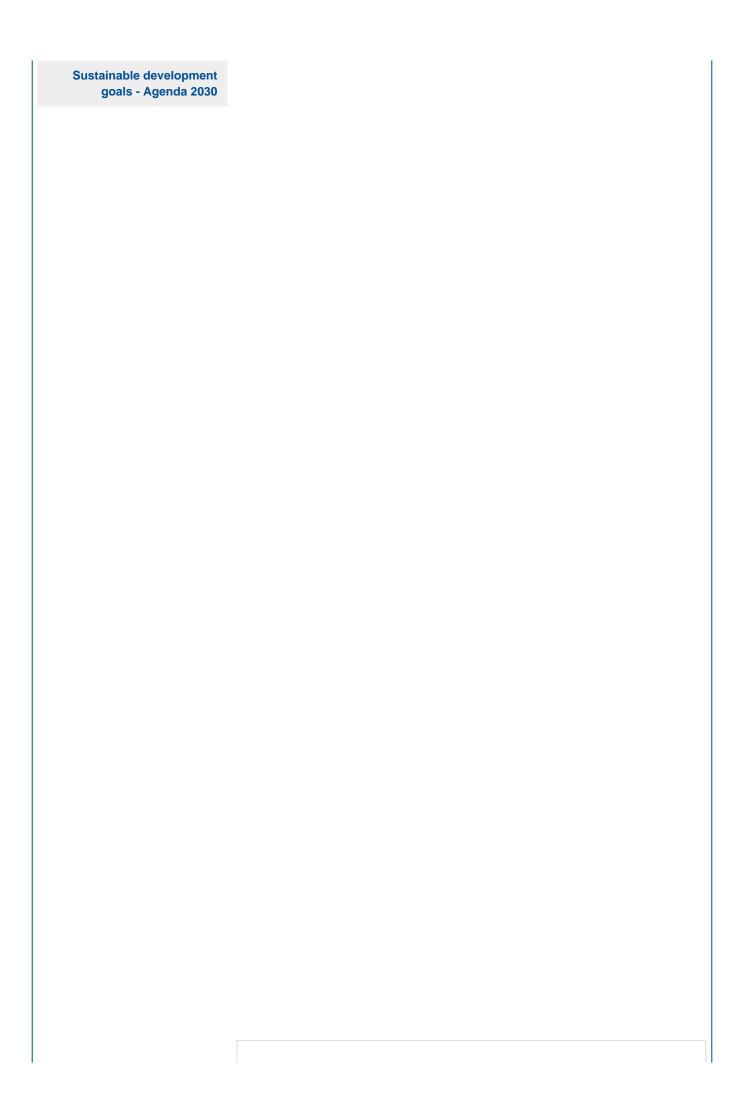
Describe the main study designs in relation to the research question; Describe the hierarchy of scientific evidence in relation to the study design.

The Scientific Literature

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



Peer Review Scientific Papers will be used during the lessons



\$lbl legenda sviluppo sostenibile