

AUGUST 2024

Choose as many answers as are correct per question. Some questions may have more than one correct answer – select all that are applicable.

Human in the loop requirement and AI healthcare applications in low-resource settings: A narrative review

1. What is one potential benefit of AI in healthcare, particularly in low-resource settings?
 - A. Reducing the need for regulatory oversight
 - B. Increasing the availability of specialised medical expertise
 - C. Centralizing all medical data in one institution
 - D. Limiting international collaborations in healthcare
2. Which AI application was used in Nigeria to detect birth asphyxia in rural areas?
 - A. Malaria detection algorithms
 - B. EU Artificial Intelligence Act
 - C. Ubenwa
 - D. Natural language processing models
3. What do the 2019 European Commission Ethics Guidelines, the 2021 UNESCO Recommendation, and the 2023 EU Artificial Intelligence Act have in common?
 - A. They all mandate the use of AI in healthcare without human oversight
 - B. They emphasise human oversight in AI development and deployment
 - C. They restrict the use of AI in low-resource settings
 - D. They promote the complete autonomy of AI systems in healthcare

Enhancing data governance in collaborative research: Introducing SA DTA 1.1

4. What was a primary motivation behind the development of the SA DTA?
 - A. To mandate the use of a single data transfer agreement through legislation
 - B. To empower the SA research community with a legally robust framework for data transfer
 - C. To centralise all research data under a single institution
 - D. To restrict international collaborations in scientific research

5. What is a significant enhancement introduced in SA DTA 1.1?
 - A. Mandatory usage of the agreement by all research institutions
 - B. New definitions and guidelines on data ownership and intellectual property rights
 - C. Centralisation of data storage in South Africa
 - D. Simplified data transfer processes without legal documentation
6. In the provided case studies, what determines the ownership of inferential data?
 - A. The institution that collected the raw data
 - B. The party that provided the most funding for the research
 - C. The entity that generated new knowledge or hypotheses through data analysis
 - D. The institution that initiated the research project

Promoting research integrity through the lens of virtue ethics and deontological approach

7. Which of the following correctly defines research misconduct as described in the article?
 - A. Any unintentional mistake made during research
 - B. Proven intentional distortion of research norms and standards
 - C. Minor deviations from accepted standards
 - D. Unavoidable errors due to lack of training
8. Which of the following types of research misconduct involves altering the observed result of a scientific experiment?
 - A. Fabrication
 - B. Falsification
 - C. Plagiarism
 - D. Guest authorship
9. According to the article, why is character-based ethics training important for researchers?
 - A. It focuses on regulatory compliance and prescriptive rules.
 - B. It encourages researchers to use any means necessary to achieve results.
 - C. It helps develop virtues and moral character, fostering research integrity.

A maximum of 3 CEUs will be awarded per correctly completed test.

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- D. It eliminates the need for informed consent from research participants.

Ubuntu lactivism: An Afri-centric approach to breastfeeding activism

10. What is one of the main reasons breastfeeding in public is often condemned, according to the article?
- A. Lack of understanding of its health benefits
 - B. Association of female breasts with sexual pleasure
 - C. Inadequate public health messaging
 - D. Insufficient legislation protecting breastfeeding rights
11. What significant action did South Africa take in 2012 to promote exclusive breastfeeding?
- A. Introduced the Baby-Friendly Hospital Initiative
 - B. Restricted the marketing and promotion of infant formula with regulation R991
 - C. Implemented nationwide public breastfeeding awareness campaigns
 - D. Increased maternity leave to six months
12. What is Ubuntu lactivism, as described in the article?
- A. A global movement promoting breastfeeding rights
 - B. A Western approach to breastfeeding advocacy
 - C. An Afri-centric social activism movement rooted in Ubuntu philosophy
 - D. A medical initiative by WHO to support breastfeeding

Gauging the need for research ethics training in a Southern African Developing Community – A SARIMA initiative

13. What was the primary aim of the SARIMA survey?
- A. To mandate the use of a single research ethics framework
 - B. To gauge the research ethics capacity building needs and requirements of SARIMA members
 - C. To centralise all research ethics training under SARIMA
 - D. To limit international collaborations in research ethics
14. What percentage of survey respondents reported working at a university?
- A. 50%
 - B. 60%
 - C. 70%
 - D. 80%
15. What was one of the main challenges faced by Research Ethics Committees (RECs) according to the survey respondents?
- A. Lack of interest in research ethics
 - B. Inadequate documentation and administrative processes
 - C. Overregulation by national authorities
 - D. Excessive financial resources

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