E-Poster

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The Contribution and Relevance of Medical Simulation as a New Learning Method for Joint Infiltration

Topic: Education (Medical Student, Residency & Post-Graduate)

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BACKGROUND

The concept of simulation is a newly adopted approach in medical education for learning procedural skills. It represents an innovative and safe method that enhances proficiency in joint infiltration techniques. Simulation provides an immersive learning environment where students can develop expertise, refine techniques, and master practical skills without exposing patients to any risk. The primary objective of our study is to assess the significance and impact of simulation-based training in learning technical procedures, particularly joint infiltrations of the musculoskeletal system.

METHODS

To achieve this, a joint infiltration training workshop was conducted for sixth-year medical students at the Faculty of Medicine and Pharmacy of Oujda from January 21 to 27, 2023. Data were collected using a questionnaire comprising 21 questions divided into three main sections.

RESULTS

The results, based on 113 anonymous questionnaires, revealed that all participants (100%) were satisfied with the training. Additionally, 95.98% believed they could successfully perform the procedure on a real patient. Furthermore, 99.12% emphasized the importance of simulation-based learning in medical education.

CONCLUSION

This study highlights the significance of medical simulation as an effective teaching tool for mastering musculoskeletal infiltration techniques, particularly in light of the high prevalence of musculoskeletal disorders in the Moroccan population.

Statement of Disclosures

None

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