

Incident with multiple victims: Report of realistic simulation in a public university



<https://doi.org/10.56238/globalhealthprespec-063>

Clícia Burle Rodrigues

Undergraduate, Academic of Dentistry, Federal University of Sergipe, Lagarto -SE
LATTES: 3508105120210099
E-mail: cliciarodriguesnyd@gmail.com

Lucas de Andrade Nascimento

Graduating, Federal University of Sergipe, Lagarto -SE
LATTES: 7000743583766244

Maria Dolores Lima da Silva

Undergraduate, Federal University of Sergipe, Lagarto -SE

ORCID: 0009-0008-8825-7420

Simone Yuriiko Kameo

PhD, Federal University of Sergipe, Lagarto -SE
ORCID: 0000-0002-0035-2415

ABSTRACT

Teaching through simulation allows training in real conditions, with actors and partners, in an interactive way in a controlled environment. The realistic simulation provides the student with contact with the practice for the development of capacities and skills, bringing him closer to reality.

Keywords: Simulation Exercise, Interdisciplinary Health Team, Active Learning, Accident with Multiple Victims.

1 INTRODUCTION

Teaching through simulation allows training in real conditions, with actors and partners, in an interactive way in a controlled environment. The realistic simulation provides the student with contact with the practice for the development of capacities and skills, bringing him closer to reality. Training was conducted during an incident involving multiple victims in a university environment, without compromising the safety of those involved.

2 OBJECTIVE

To report the experience of professors and students of speech therapy, nursing, medicine and dentistry courses during the organization of realistic simulation of VMI in a public university in the state of Sergipe.

3 METHODOLOGY

Descriptive study type experience report on the organization of realistic simulation involving incidents with multiple victims, during a head-on collision between a passenger car and a bus, on the lawn of a public university in the state of Sergipe.



4 EXPERIENCE REPORT

Academics from health courses simulated victims, first responders, curious people and family members at the scene. The simulation had partnerships such as fire department, federal highway police (PRF) and military (PM), SAMU, University Hospital of Lagarto and Air Tactical Group, which dynamically demonstrated the interdisciplinary action to ensure the safety of the scene, remove the victims from the wreckage and enable the action of rescuers. In addition to the student-actors, ambulances, motorcycles, PM/PRF vehicles, fire department vehicles and a rescue helicopter were present. The preparation of the scene, makeup of the victims and the performance of the student-actors highlighted the desperation of the "relatives" and victims during the incident. This activity provided the participants with maturity in how to behave and part of the psychological pressure involved in this type of situation. In addition, having the presence of public security professionals at the event reinforced the importance of interdisciplinarity. This activity has a high impact on the education of health professionals.

5 CONCLUSION

The organization of the event allowed to expand the knowledge about the performance of health professionals in VMI. The visualization, in practice, under realistic conditions, of the performance of professionals and academics allowed us to reach a new perspective beyond that which the theoretical approach would be able to provide us. The engagement of those involved, the resources employed and the desperation of the "family members" made it possible to understand the skills required to manage such a complex scene.



REFERENCES

LIMA, D. S. et al. Simulação de incidente com múltiplas vítimas: treinando profissionais e ensinando universitários. Revista do Colégio Brasileiro de Cirurgiões, Rio de Janeiro, v. 46, n. 3, ago., 2019. Disponível em: <https://doi.org/10.1590/0100-6991e-20192163>. Acesso em: 4 nov. 2022.

ROHRS, R. M. S. et al. Impact of the realistic simulation methodology in nursing undergraduate course. Revista de Enfermagem UFPE On Line, Pernambuco, v. 11, , dez., 2017. Disponível em: <https://periodicos.ufpe.br/revistas/revistaenfermagem/article/viewFile/23005/25473>. Acesso em: 4 nov. 2022.