

The map of the simulation laboratories in medicine education in the North-Eastern universities of DR Congo

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Introduction : With the storage of the BMD system in the DR Congo at University or College level, the Congolese physician training program provides for the development of a simulation laboratory for practical lessons. But few things are known about simulation in medical education in the DR Congo. The objective of this study is to develop a mapping of laboratories about simulation in medicine in the some universities in the North-Eastern of the DR Congo.

Methods : It's about a cross sectional study running from 1st to 31st March 2022 in universities which organize within their different institutions the Faculty of Medicine, such as University of Kisangani, University of Bunia, University of Uele, Shaloom University, Free University of Bumba, which are located in the the North-Eastern part of the DR Congo. The data were collected from a pre-established questionnaire using closed and opened questions through telephone interview. The variables of interest concerned the knowledge of the university teachers on the simulation clinic and the existence of an operational clinical simulation laboratory in the university site.

Results : This study shows that only 20 % (1/5) of the universities located in the North-Eastern of the DRC have a simulation laboratory in medical education. The majority of trainers (70%) has heard of a simulation clinic. The majority of the staff (90 percent) is not trained in this matter.

Conclusion : Clinical simulation is little known in Congolese universities. In view of the observation, there is a need to train Congolese teachers and provide the faculties of medicine with clinical simulation laboratories to improve the quality of the training for doctors across the country.

Key words : Simulation, Education, Medicine, DR Congo.