E-LUNGING: EVALUATION OF AN E-LEARNING PROGRAM INTENDED FOR HEALTHCARE PROFESSIONALS REGARDING THE MEDICATION OF LUNG TRANSPLANT PATIENTS  
Abstract number: 4CPS-195

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BACKGROUND AND OBJECTIVES

Our institution is specialised in lung transplantation (LT). The drugs associated with this procedure are numerous and of complex management. However, the long-term success of LT is directly linked to patient adherence. In our institution, nursing staff turnover is frequent, and the replacement staff is not always specialized in LT. This observation led to the development, in collaboration with the medical and nursing teams, of an online training program (e-learning) for health care staff, intending to reinforce the appropriate use of transplant drugs and better respond to patients’ queries.

Aim and objectives: To evaluate the impact of our training on the acquisition of knowledge by nursing and pharmaceutical staff.

MATERIALS AND METHODS

Content and format decided during multidisciplinary meetings  
Creation of the training using specific software (Articulate Storyline®)  
Distribution to the nursing (thoracic surgery and intensive care units) and pharmaceutical staff  
Data collection via an assessment questionnaire before and after the training: comparison of rate of correct answers before and after and satisfaction

RESULTS

39 people completed the training. The average rate of correct answers obtained before and after completion increased significantly, from 76% to 87% (p < 0.0001) and in all categories.

CONCLUSION

The rate of correct answers before and after the training increased significantly, showing that the nursing and pharmaceutical staff has acquired knowledge. The positive results regarding overall satisfaction show that the format is appropriate for hospital use and could be extended to other aspects of our practice, like heart transplantation. A main limitation of our project was the difficulty for nurses to find dedicated time to complete the training. The impact on daily practices in our institution still remains to be evaluated. Finally, the distribution of the training to community pharmacies that treat lung transplant patients could prove valuable to strengthen our community relations and collaborations, and improve patient care in all sectors.

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27th Congress of the EAHP, 22-24 March 2023, Lisbon