EVALUATION OF THE DEGREE OF THERAPEUTIC KNOWLEDGE IN LUNG TRANSPLANT RECIPIENTS

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BACKGROUND AND IMPORTANCE
Lung transplant (LT) recipients require intensive and continuous care due to the great complexity and relevance of pharmacological treatments in the clinical course after transplantation.

AIM AND OBJECTIVES
To analyze the degree of LT recipient knowledge about their treatment in the immediate post-transplant period and to identify weaknesses and characteristics of the patients.

MATERIALS AND METHODS
Prospective Observational Study from June-December 2019 e-duca pilot phase: e-learning program in LT recipients.

RESULTS

Variables | N=16
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Age, years (range) | 61.4 (48-68)
Gender (man, n (%)) | 13 (81.3%)
Lung transplant indication, n (%):  
- COPD | 9 (56.3%)
- Idiopathic Pulmonary Fibrosis | 6 (37.5%)
- Bronchiectasis | 1 (3.2%)
Educational attainment, n (%)  
- University graduate | 3 (18.8%)
- High school graduate | 4 (25%)
- Middle school graduate | 9 (56.2%)
Total drugs count, mean (range) | 14.31 (9-20)
Test score, mean (range) | 14.56 (6-22)
  - Poor knowledge degree, n (%) | 5 (31.3%)
  - Moderate knowledge degree, n (%) | 10 (62.5%)
  - High knowledge degree, n (%) | 1 (6.2%)
MOST FREQUENTLY RIGHT ANSWERS
- Function and duration of IS treatment: 93.8%
- How to take tacrolimus and mycophenolate: 87.5%
- Correct use of masks: 87.5% and nebulizers: 81.3%

LEAST FREQUENTLY RIGHT ANSWERS
- The role of adjuvant therapy: 6.25%
- To identify prednisone as IS: 43.75%
- Acting correctly when vomiting after taking IS: 56.3%

CONCLUSION AND RELEVANCE
This kind of tests allows us to know the patients’ skills about their treatment and to identify those points to be reinforced by the pharmacist as part of the healthcare team that attends to the patient, early detecting possible medication errors.