THE HOSPITAL PERFORMANCE ASSESSMENT

BY PABON LASSO

MD Alina Breazu, National Institute for Health Services Management, Bucharest, Romania

5 – 7 June 2024 – Bucharest, Romania
Politehnica University of Bucharest, Bucharest, Romania
Background and objectives

- Hospital sector is the most resource consuming part of a health system (50%);
- We selected only hospitals category I and I–M from six regions;
- Pabon Lasso model is used for decision makers (both hospital management and political decisions)
Methods

- The DRG National database was used for extracting data reported by hospitals
- Only hospitals with surgical departments were included
- Three classical hospital performance indicators (average length of stay, bed occupancy rate and bed turnover)
- The statistical software SPSS 27 and EXCEL was used for analysis
**Quadrant II**  
Low occupancy  
High turnover  
Short stay

**Quadrant III**  
Efficient because of:  
High occupancy  
High turnover  
Short stay

**Quadrant I**  
Not Efficient because of:  
Low occupancy  
Low turnover  
Long stay

**Quadrant IV**  
High occupancy  
Low Turnover  
Long stay
Pabon Lasso Model – year 2019

Bed Turn Over Rate (days)

Bed Occupancy Rate (%)

ALOS (days)

VEST 2019; 75,8%; 50
SE 2019; 75,7%; 50
BIF 2019; 80,7%; 47
NV 2019; 68,9%; 44
CENTRÚ 2019; 69,8%; 40
NE 2019; 70,4%; 36
Pabon Lasso Model – year 2023
Discussions

- By applying the Pabon Lasso Model and the comparative analysis between regions in the Romanian context and at the level of surgical departments, we signal the necessity to use developed and validated methods for measuring and comparing hospital performance in order to provide decision making process with valid and scientific evidence.

- The performance of Romanian hospitals is evaluated by a wider grid of indicators, but the use of these 3 complex indicators is essential for a quick and correct evaluation picture. That is why we consider it useful and necessary to extrapolate this analysis in the future to all categories of hospitals in Romania.

- This model offers complex information, so it can be used for decision making...
Thank you

MD Alina Breazu, National Institute for Health Services Management, Bucharest, Romania
[abreazu@inmss.ro]