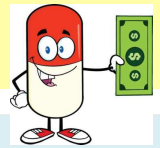


MONITORING THE USE OF LINEZOLID IN A THIRD-LEVEL HOSPITAL

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OBJECTIVES

- To analyze the evolution of **Linezolid (LNZ) consumption** from 2009 to 2017 in **general** in the hospital and in **Critical Care Services**: Intensive Care Unit (ICU) and Anesthesia-Resuscitation (A-R).
- To see if the introduction of the **LNZ generic** produced an **increase in its use**.



MATERIAL AND METHODS

Observational and retrospective study in a third-level hospital.

Farmatools[®] program was used to obtain **LNZ annual consumption** since 2009 to 2017:

- ~ In general in the hospital
- ~ In the ICU and A-R Services

...of the 3 available LNZ presentations



Tablets



Vials



Oral suspension

The introduction of the **LNZ generic** in the hospital was in **2016**.

...with respect
to the
previous year

- % variation of **global** LNZ consumption
- LNZ DDD/100 stays
- % variation of consumption in **A-R**
- % variation of consumption in **ICU**

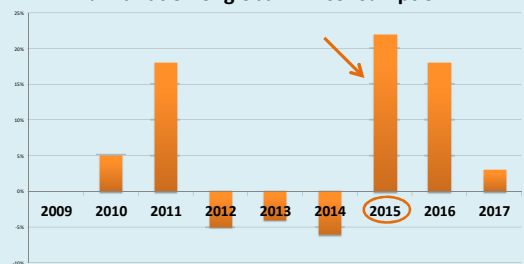
CONCLUSIONS

The increase in LNZ consumption appeared 1 year before the availability of the generic.

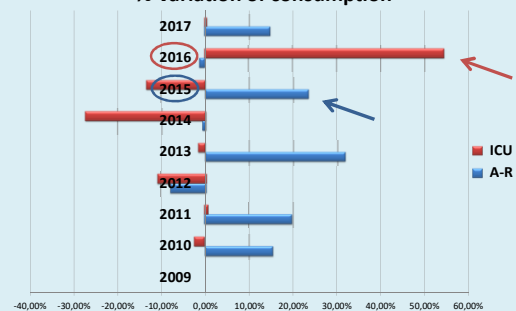
- ✓ In the Critical Units, the consumption was affected differently:
 - ICU: increased very significantly and coinciding with the access to the generic.
 - A-R: increased less and one year later than ICU.
- ✓ The introduction of the LNZ generic contributed, along with other factors, to explain the increase in consumption of it in our hospital.

RESULTS

% Variation of global LNZ consumption



% Variation of consumption



Year	2009	2010	2011	2012	2013	2014	2015	2016	2017
A	-	5	18	-5	-4	-6	22	18	3
B	2,61	2,65	2,91	2,62	2,87	2,74	3,47	4,07	5,12
C	-	15,28	19,62	-7,92	31,70	-0,74	23,38	-1,25	14,50
D	-	-2,37	0,88	-10,80	-1,64	-27,27	-13,37	54,35	0,51

