

DRUG SHORTAGES. ANALYSIS OF THE ECONOMIC IMPACT

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BACKGROUND

Problems caused by medicine shortages are serious, threaten patient care in hospitals and require urgent action.

PURPOSE

To evaluate the economic impact of drugs' shortages and analyze the consequences that it entailed in hospital pharmacy services.

MATERIAL AND METHODS

Retrospective observational study.

SAP[®] was used in order to calculate economic data

Medication requests were reviewed through the "application of management of medicines in special situations" of AEMPS (jul/2016-jul/2018)



All **purchases** made by the pharmacy services during that period were reviewed (1/7/2016-31/7/2018)




Those cases in which the purchase was made through the AEMPS were studied



Economic impact Of the supplier change was analyzed



RESULTS

 447 requests



129 requests (25,85%)
Drug-shortage problems
(78,97% IV administration)



Gestión de Medicamentos en Situaciones Especiales



71,885.21 €

Purchase in regular laboratories



22,953.89 €



Real expense - Theoretical expense = 48,931.32€



213,17%

CONCLUSION

- 1 During the study period, the shortage of medicines involved an increase of 213% of the cost of medicines, concerning to numerous drugs especially those for intravenous administration.
- 2 When a lack of supply occurs, small hospitals are early affected consuming economic resources and increasing health professionals' work.

