

## DAPTOMYCIN: A DRUG UTILIZATION REVIEW AT A GENERAL HOSPITAL

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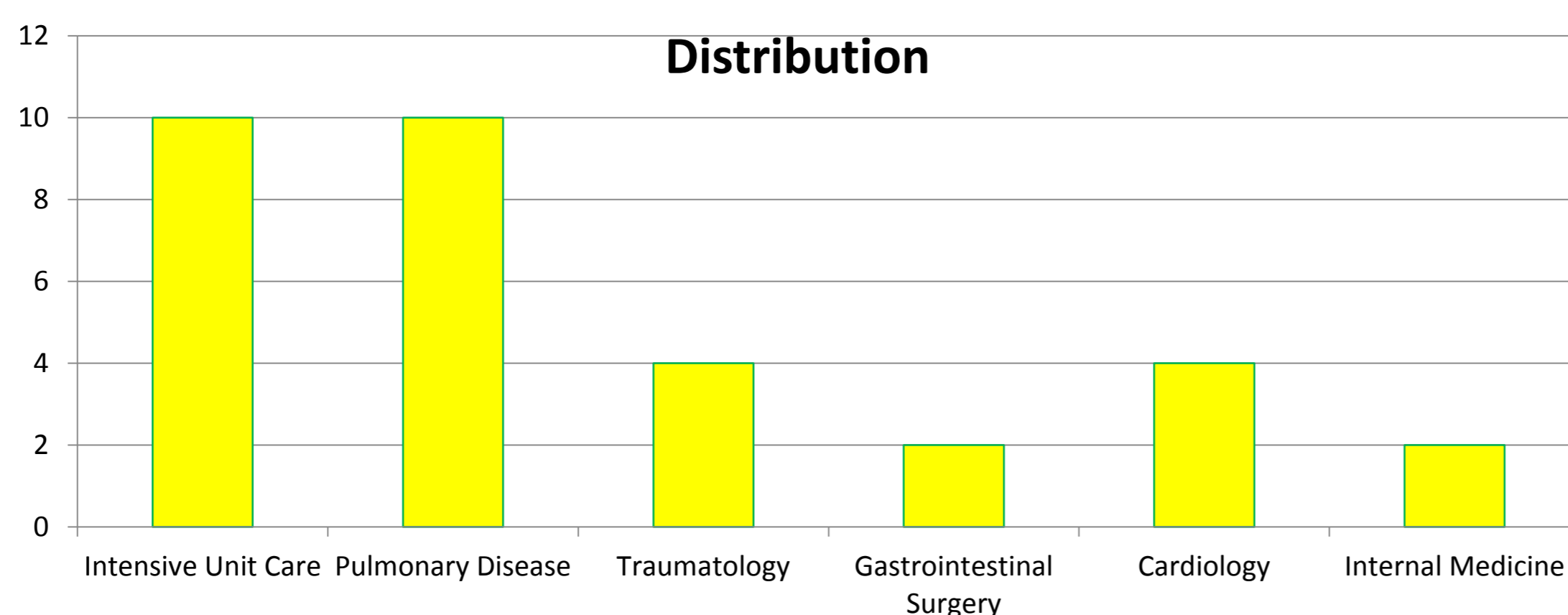
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**Purpose:** To check the adequacy of daptomycin against the indications licensed in product information and also against Treatment Guidelines consensuses from different medical societies.

**Material and methods:** Retrospective observational study. We studied patients treated with daptomycin (January 2012 – December 2012) at a general hospital in its different units. Information was obtained from the Pharmacy's Service register, patient's history and Microbiology's database.

**Results:** We studied 12 patients:



	INTENSIVE UNIT CARE	OTHER UNITS
<b>EMPIRICAL TREATMENT</b>	90 %	86 % (4 patients blood cultures were not requested)
<b>DAPTOMYCIN SENSITIVE MICROORGANISMS</b>	Isolated in 20 % of blood cultures	Isolated in 36 % of blood cultures
<b>NEGATIVE SAMPLES OR NON SUSCEPTIBLE MICROORGANISMS</b>	80 %	64 %
<b>VANCOMYCIN MIC</b>	Requested in 4 patients 4: CMI < 0,5 → 0 treated with vancomycin	Requested in 11 patients (4 previously treated with it) 7: CMI < 1 → 0 treated with vancomycin

**Conclusion:**

Treatment is essentially empirical, treatment guidelines of infections caused by SA are not followed.

It is recommended to treat the patient with daptomycin if vancomycin MIC is > 1.5 or if patients have previously been treated with it.