

# ANTIBIOTIC SENSITIVITY PATTERNS OF HOSPITAL & COMMUNITY ISOLATES IN THE MALTESE ISLANDS

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## Introduction:

The treatment of infectious disease is, in the great majority of cases, initiated blindly. In the hospital setting this is normally because the condition requires immediate therapy on a best guess approach, pending feedback from the microbiology laboratory. Community infections, particularly if not of a serious nature, are commonly treated without concurrent bacteriological investigation. It is therefore imperative that clinicians should have a detailed and up-to-date knowledge of species prevalence and local antibiotic susceptibility data in their area of practice.

The aim of this poster is to present for this first a comprehensive set of data in order to assist clinicians reach better judgement in their antibiotic prescription habits.

## Methodology:

The data shown refers to St. Luke's Hospital - Bacteriology Laboratory records of 13,008 bacterial strains isolated during 1994 in clinical samples, of both hospital and community origin, submitted from all hospitals and health centres comprising the Government Health Services.

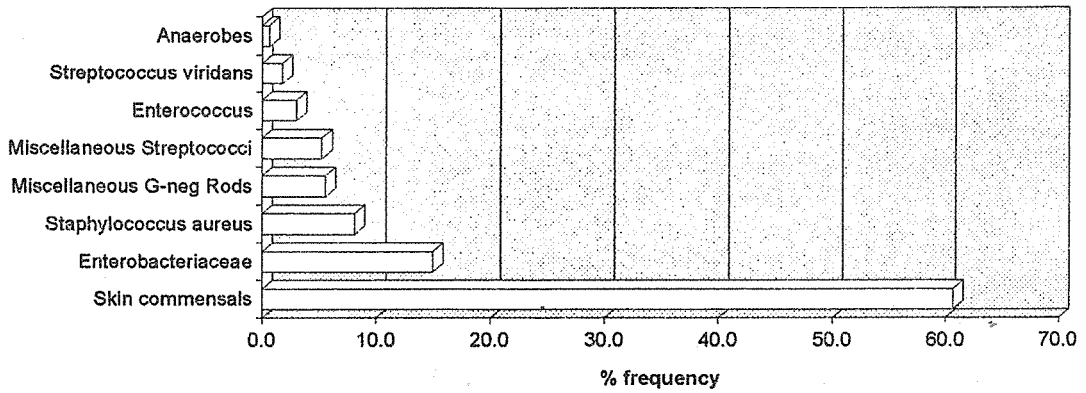
Antibiotic sensitivity testing was performed from single colonies of the isolated organism using a standardised disc diffusion method on IsoSensitest Agar (Oxoid).

## Key:

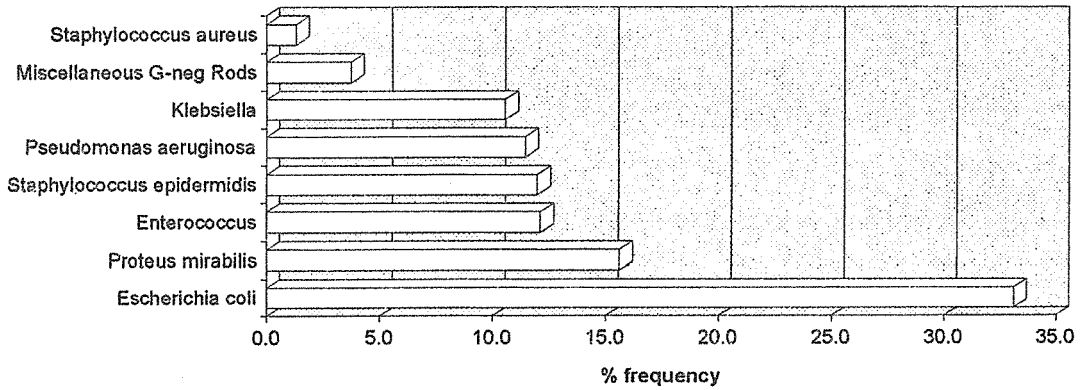
AM/CV	amoxycillin + clavulanic acid
AMPIC	ampicillin
AZLOC	azlocillin
AZTRE	sztreonam
CEFTA	ceftazidime
CEFUR	cefuroxime
CIPRO	ciprofloxacin
CLIND	clindamycin
ERYTH	erythromycin
FUSID	fusidic acid
GENTA	gentamicin
MECIL	mecillinam
METHI	methicillin (cloxacillin)
NALID	nalidixic acid
NETIL	netilmicin
NITRO	nitrofurantoin
PENIC	penicillin
SULPH	sulphonamides
TETRA	tetracycline
TICAR	ticarcillin
TRIME	trimethoprim
VANCO	vancomycin

ISOLATES FROM CLINICAL SPECIMENS

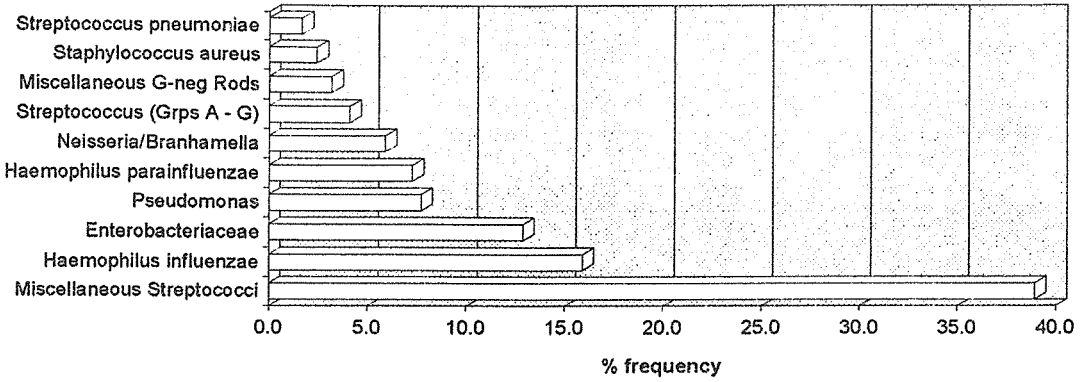
**BLOOD**



**URINE**

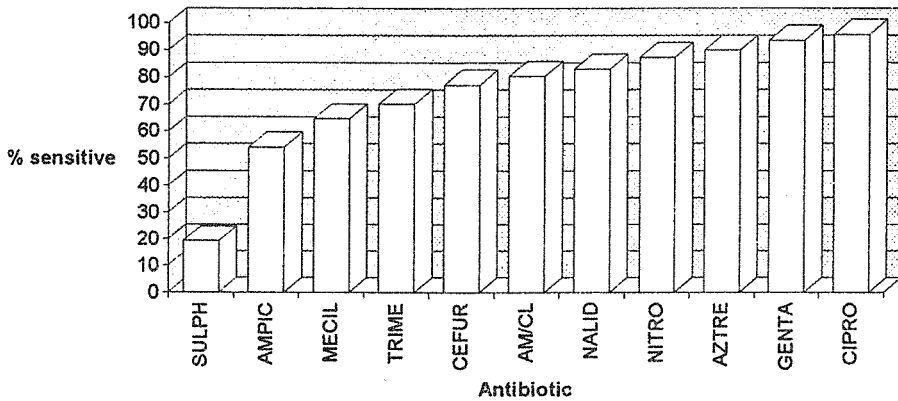


# SPUTUM

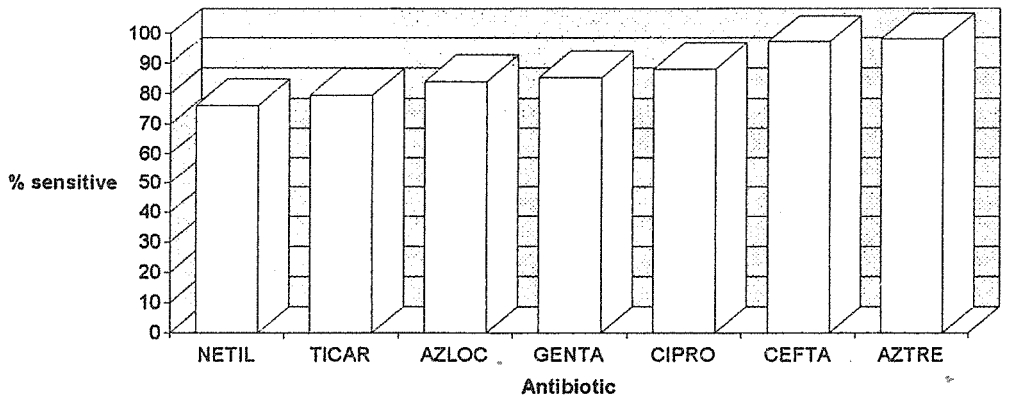


## ANTIBIOTIC SENSITIVITY PATTERNS OF SELECTED PATHOGENS

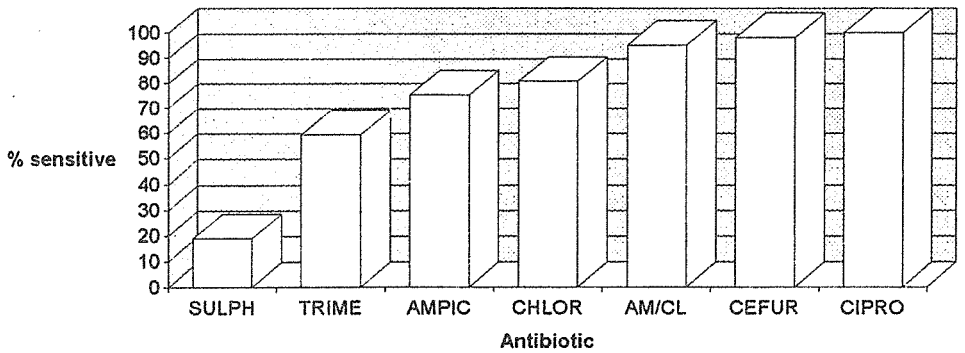
### *Escherichia coli*



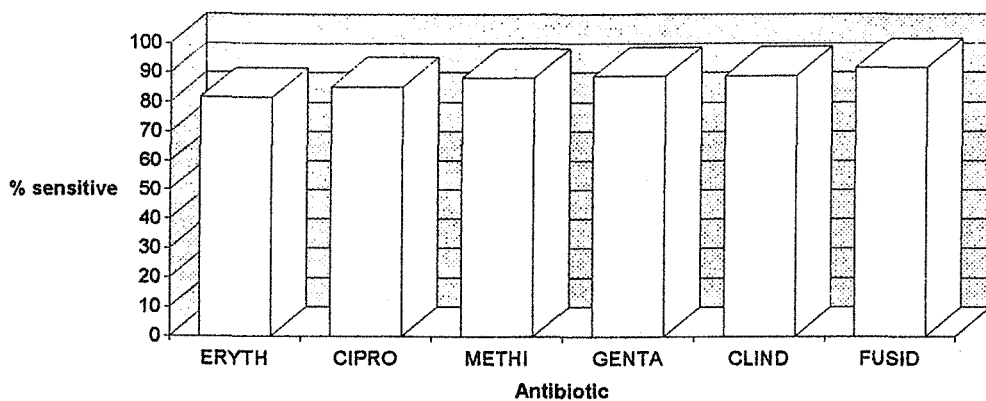
## *Pseudomonas aeruginosa*



## *Salmonella*



## *Staphylococcus aureus*



## *Streptococcus spp. (Grps A - C)*

