

Supplementary File

Table S1. CLSI and EUCAST MIC breakpoints.

	Penicillin CMI ($\mu\text{g/ml}$)		
	*S	*I	R
CLSI MIC breakpoints criteria (M100 30 th Edition year 2020)			
CLSI MIC breakpoints (parenteral non-meningitis)	≤ 2	4	≥ 8
CLSI MIC breakpoints (parenteral meningitis)	≤ 0.06		> 0.12
CLSI MIC breakpoints (oral penicillin V)	≤ 0.06	0,12- 1	≥ 2
EUCAST MIC breakpoints criteria (Edition 2021)			
EUCAST MIC breakpoints (indications other than meningitis)	≤ 0.06		> 2
EUCAST MIC breakpoints (for meningitis)	≤ 0.06		> 0.06