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Abstract (poster session)

**In vitro activity of tigecycline in Africa–Middle East: TEST 2007-2010**

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Background: The global Tigecycline Evaluation Surveillance Trial (TEST) is an ongoing global surveillance study designed to evaluate the activity of tigecycline (TIG) and comparators against Gram-positive, Gram-negative, atypical and anaerobic bacteria. This study reports tigecycline in vitro activity from 2007- 2010 in pathogens isolated in Africa-Middle East. Methods: 65 investigative sites from 9 countries collected clinical isolates in Africa-Middle East. MICs were determined by broth microdilution according to EUCAST guidelines using supplied Trek panels. Results: Results are given by year for tigecycline and key organisms as follows: Includes all phenotypes Conclusions: Tigecycline retained excellent in vitro activity over time against a broad spectrum of organisms, including drug-resistant strains such as ESBL positive *E. coli*, *K. pneumoniae*, multi-resistant *Acinetobacter* spp., and methicillin-resistant *S. aureus*. Tigecycline MIC<sub>50/90</sub> values were essentially unchanged for most pathogens studied in Africa-Middle East over the past 4 years.

Organism	N	2007		2008		2009		2010	
		MIC <sub>50</sub>	MIC <sub>90</sub>	MIC <sub>50</sub>	MIC <sub>90</sub>	MIC <sub>50</sub>	MIC <sub>90</sub>	MIC <sub>50</sub>	MIC <sub>90</sub>
<i>A. baumannii</i>	511	0.5	1	1	4	1	2	1	4
<i>E. cloacae</i>	640	0.5	1	1	2	0.5	2	0.5	2
<i>E. faecalis</i>	404	0.12	0.25	0.12	0.25	0.12	0.25	0.12	0.25
<i>E. coli</i> <sup>1</sup>	951	0.25	0.5	0.25	1	0.25	0.5	0.25	1
<i>K. oxytoca</i> <sup>1</sup>	102	0.5	1	0.5	1	0.25	1	0.5	1
<i>K. pneumoniae</i> <sup>1</sup>	838	0.5	2	0.5	2	0.5	2	1	2
<i>S. aureus</i> MS	669	0.12	0.25	0.12	0.25	0.12	0.5	0.25	0.5
<i>S. aureus</i> MR	249	0.25	0.25	0.12	0.25	0.12	0.5	0.25	0.5
<i>S. pneumoniae</i> <sup>1</sup>	394	0.03	0.03	0.03	0.06	0.015	0.03	0.015	0.06
<i>P. aeruginosa</i>	739	8	>8	8	>8	8	>8	8	>8