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Treatment of sepsis: what is the antibiotic choice in bacteremia due to carbapenem resistant *Enterobacteriaceae*?

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Abstract

Sepsis is one of the major challenges of today. Although gram-positive bacteria related infections are more prevalent in hospital setting, the highest mortality rate is associated with gram-negative microorganisms especially *Enterobacteriaceae*. *Enterobacteriaceae*, including *Escherichia coli*, *Klebsiella* spp., *Proteus* spp., *Enterobacter* spp., and *Serratia* spp. Resistance to β -lactams in *Enterobacteriaceae* is primarily attributed to the production of B-lactamase enzymes with subsequent

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2015年5月5日 - Nevertheless, current **treatment** options include the **use** of older ... **Carbapenem-resistant Enterobacteriaceae infections** are ... For years, carbapenems have been used successfully to **treat infections due** to resistant Enterobacteriaceae, KPC-producing K pneumoniae **infections** (**bacteremia**, VAP, and ...

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作者: ME Falagas - 2014 - 被引用次数: 120 - 相关文章

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2014年9月24日 - **Treatment** options for **infections due to carbapenem-resistant** ... The **use** of tigecycline for **bacteremia** is controversial for this reason. ... care unit stay, febrile illness, abnormal serum creatinine and **sepsis**. The emergence and spread of **carbapenem-resistant Enterobacteriaceae** (CRE) is one of the most ...

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Keywords: **Carbapenem-resistant enterobacteriaceae**, combination **antibiotic therapy**, Klebsiella pneumoniae carbapenemase, **sepsis** ... It has been shown by clinical studies that initial appropriate **antibiotic choice** is one of the ... superiority of combination **therapy** over monotherapy in **bacteremia due** to KPC-producing K .

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