Totally antibiotic resistance *Pseudomonas aeruginosa* isolated from patients with blood stream infection

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Abstract

Pathogenic bacteria are the type of bacteria that is harmful to humans and can cause several diseases such as lung diseases, cholera, tuberculosis and syphilis. The multidrug-resistant bacteria that isolated from the patients were Klebsiella spp., *Escherichia coli*, *Pseudomonas aeruginosa*, that are known as the human pathogenic bacteria. The antibiotics that have been used against these bacteria were Meropenem MEM, Imipenem IPM, Gentamicin GNT, Co-AmoxiclavAMC and Ceftriaxone CRO. For the vial antibiotics, two different concentrations were prepared and Mueller Hinton agar used as the culture media. *Pseudomonas aeruginosa* was resistant against all vial and disk antibiotics. *Escherichia coli* was susceptible against all vial drugs and disks except ceftriaxone 10 mcg. Klebsiella spp. was susceptible against all vial and disk antibiotics. However, it was resistant against Ceftriaxone 10 mcg disk and Gentamicin 10 mcg. The most effective drug against all bacteria was Meropenem vial and disk. The most resistant bacteria against all antibiotic disks was *Pseudomonas aeruginosa*.