Extreme antibiotic resistant Acinetobacter baumannii related pneumonia in a regional hospital

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Background: A. baumannii is emerging as an important pathogen which has received a great interest during the last two decades. Furthermore, such pathogens are challenging to treat because of extensive antimicrobial drug resistance.

Aim: Purpose of this study is to report our experience with five cases of A. baumannii related pneumonia infections, seen in a regional hospital in Karaj, Iran.

Method: Retrospective analysis of eight cases of Acinetobacter baumannii related pneumonia infections presenting a regional hospital in Karaj, Iran during ????? 2014 were done.

Results: All the cases were admitted to the emergency department with loss of consciousness and then transferred to Intensive Care Unit. Sputum/pulmonary secretions culture revealed A. baumannii. During the treatment, various antibiotics like meropenem, vancomycin, colistinand amikacin was prescribed but all the eight cases died because of Acinetobacter baumannii related pneumonia infections.

Conclusion: Our cases bring forth the burden of Acinetobacter baumannii related pneumonia which has been associated with significant mortality and as illustrated in our cases infection with A. baumannii can be rapidly fatal, thus stressing the importance of reporting A. baumannii isolates in cases of pneumonia. Physicians should be aware of the remarkable virulence and drug resistance.

Biography
Enayatollah Kalantar is a Faculty Member of School of Medicine, currently is the Research Director of Alborz University of Medical Sciences, Editor In Chief for International Journal of Enteric pathogens. He has been awarded as the Best Researcher several times.

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