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Prevention: The answer for bacterial resistance

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Globalization is one of the most important changes that the world is experimenting. In the very same way that economic issues in a particular country can impact the rest of the world, health problems have demonstrated this same behaviour. It is the case of bacterial resistance when the current data have exposed its annual increment. For a period of three years 2010-2013, the Venezuelan statistics have revealed that more than 40% of the isolates of *Klebsiella pneumoniae* are resistant to quinolones and a decreasing of carbapenems-sensitiveness. It is for similar scenario, that others countries around the world, have adopted particular health policies as a part of the government task and prevention approaches. The results of investigations in this field, suggest that prevention is an excellent way for solving this issue, and have demonstrated positive impact in other fields in society, i.e., clinical, economical, and social aspects. Researchers have shown that methods such as hand washing or hand rubbing can be helpful in reducing contamination level on medical employees in more than 75%. Also, control of the use of antibiotics, reveals that it is useful approach to save money for hospitals and governments. In fact, in some cases the cost of the antimicrobial decreased in an average of 50%. Moreover, education of healthcare workers and communities exhibit positive results, as well. Finally, it is evident that prevention methods suggested by researchers will be an excellent approach to face this problem in a country with the particular economy problems as in Venezuela.

Biography

Alan R Criollo Ródiz has completed his Graduation with Honors in Medical Technology Research. He completed his Master degree from Centro de Estudios Biosanitarios de España. He was Assistant Professor of the Microbiology Department of the Medical Technology School at Universidad Central de Venezuela. He has been speaker for the Venezuelan Microbiology Society and Medical Technologist Venezuelan Society. Currently, He is in charge of developing and introducing new products in the Infection Division and Molecular Division on Kabla Diagnostics for Mexican Market.

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