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## Resistance to antibiotic therapy in urinary genital pathologies, Hospital San Vicente de Paúl Ibarra- Ecuador

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The World Health Organization mentions antibiotic resistance causes 85% mortality due to global infections, with up to 12 million deaths annually. Currently infectious diseases caused by bacteria resistant to antibiotics are increasing and resistance to antibacterials increases both in the world and in the country. The main objective was to establish the incidence of genitourinary infections, resistant to antibiotic therapy in patients of the Hospital San Vicente de Paúl de Ibarra between 2015 and 2017. Quantitative, non-experimental, descriptive, retrospective and cross-sectional research. A data sheet was used to collect data on all cultures of urogenital samples carried out in the aforementioned years. As a result, reference is made to a predominantly female group; older adults with 33.8% are the most representative; the services that most request the realization of crops are emergency, external consultation and dialysis. The most frequent diagnoses in urogenital infections are cystitis, prostatitis and pyelonephritis. We identified 35 types of bacteria classified as Gram (+), which include: staphylococcus aureus and staphylococcus coagulase negative; and Gram

(-) in which the escherichia coli, proteus Mirabilis, proteus vulgaris stand out. The present investigation evidenced a clear, concise and adequate list of antibiotics considered as resistant, sensitive and intermediate; that allow the medical specialists to prescribe suitable treatments according to the particularities of each patient and also taking into account the detailed references that detail the result of each crop.

### Speaker Biography

Viviana Margarita Espinel Jara holds a Bachelor's Degree in Nursing from the Technical University of North Ibarra Ecuador and a Master's Degree in Family Health at the Universidad Técnica del Norte. She has served as Chief Nurse at the Joya de los Sachas Health Center in Francisco de Orellana, and in the Provincial Health Directorate of Napo where she fulfilled her duties as head of the Department of Intercultural Health, as well as a nurse of direct care at the IESS Ibarra Ecuador Hospital. At the moment he is Coordinator of the Nursing Career al Universidad Técnica del Norte, Teacher of the Career of Of the Technical University of the North, member of the Editorial Board as Editorial Secretary of the Scientific Journal of the Faculty of Health Sciences of the Universidad Técnica del Norte with ISSN 1390-910X.

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