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CHALLENGES & INNOVATION
IN HEALTH

Abstracts

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ANALYSIS OF THE DEVELOPMENT OF CHILDREN IN THE NORTHEASTERN REGION OF BRAZIL

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Introduction: The profile of infant mortality has decreased due to aspects of assessment of growth and development, which is performed by the nurse during childcare.

Objective: Evaluate the development in children up to five years in the Health Centers of Sertão Central, in Ceará, Brazil.

Methods: This is a quantitative study. The sample consisted of 100 children from zero to five years. The data were collected by an instrument containing socioeconomic information, issues related to child development and the milestones of development. The study was approved by the Committee of Ethics and Research of the Catholic Faculty Rainha do Sertão.

Results: The majority of the mothers had not completed elementary school, worked at home, had income less than a minimum wage and held prenatal care. Regarding the children, 84% had normal weight at birth and 70% had the appropriate cephalic perimeter for their age. It was noted that 46% of children had no risk factor and 54% had one or more risk factors. The majority of children had the landmarks for their age group. As far as the classification of the development, it was found that 46% had a normal development, 43% had normal development with risk factors, 1% with alert for the development and 10% had probable developmental delay.

Conclusions: We realize the importance of the nurse is on the alert regarding the presence of risk factors, seeking care focused on the prevention of complications to promote the health of children.

Descriptors: Early childhood care; Child Care; Child Development; Nursing; Health Promotion.

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INFECTIONS, RESISTANCE AND ANTIBIOTIC THERAPY IN AN INTERNAL MEDICINE SERVICE

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Introduction: Currently, bacterial resistance to antibiotics is one of the greatest health challenges, particularly in Medicine Services. In this service you will find the largest number of patients with infectious disease, which is a major cause of hospitalization.

Objective: It is intended to determine the rates of infectivity, the etiology of infections and patterns of antimicrobial susceptibility in the service of Medicine from Centro Hospitalar do Nordeste (CHNE) - Unidade Hospitalar de Bragança.

Methods: During the period between January 1 and December 31 of year 2008 were received at the hospital laboratory 3,547 bacteriological examination, of which 363 with positive results.

Results: In urine cultures identified an infectivity rate of 9.04%, noting that these 64.15% are due to E. Coli. As for the cultures of sputum, there was an infectivity rate of 19.68%, being that, of these 23.23% were Staphylococcus aureus. Blood cultures identified an infectivity rate of 5.66%, this should be mainly to the presence of Staphylococcus aureus (25.00%).

Conclusions: Gram-negative (*P.aeruginosa*, *E.coli* e *Klebsiella pneumoniae*) showed the majority of resistance to Penicilins and Cefalosporins, belong to the group of b-lactam antibiotics. *Staphylococcus aureus* were resistant to Methicilin, one MRSA strain.

Descriptors: Antibiotic therapy, Antimicrobial susceptibility, Infections, Rates of infectivity, Resistance.

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