

EXTENDED-SPECTRUM B-LACTAMASES – A CLINICAL UPDATE

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This review is about a number of important problems caused by the antibiotic therapy and one of these problems is the presence of the extended spectrum β -lactamases (ESBL). Therefore, there are presented ESBL from the following points of view: definition, recommended methods for detection, infection control of ESBL producing organisms, treatment and evolution issues, with an emphasis on the implications for clinical microbiology laboratories.

FLIGHT SURGEON TRAINING AND DUTIES IN NATO COUNTRIES

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Introduction: various countries train their flight surgeons (FS) through their own training programs. Information about courses in aerospace medicine across the world is limited. This study is intended to highlight the aerospace medicine training programs and FSs' duties in North Atlantic Treaty Organization (NATO) countries and also to emphasize the differences between them.

THE IMPORTANCE AND THE ROLE OF PROGRAMS IN THE DOMAIN OF HEALTH PSYCHOLOGY

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The intervention programs in the domain of health psychology contribute to: the promotion and the maintenance of health, the identification of psychological factors with a role in the etiology of diseases, the prevention and the treatment of diseases and disturbances and the amelioration of the medical treatment system, as well as that of the sanitary policies. The study proposes a way to efficiently realize these programs in the frame of volunteering programs, as well. The participants in its implementation are in a number of 60, all students, and the participants to the study are patients in the hospital, in different sections and the high-school students from several schools. The positive results of the study confirm the utility of programs that target health and that emphasize the interactions between the convictions in life, the manners of adaptation to the change in one's health, the amelioration of the healthy behaviors of the participants in the programs.

Key words: health, volunteering, students, health psychology.

PSYCHOLOGICAL REQUIREMENTS OF FIGHTER PILOT IN AIR COMBAT

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War is a violent confrontation characterized by an unprecedented dynamism of human actions requiring the maximum of physical and mental strength from the combatants. Beside any flight during peace time, no matter how difficult it may be, flight during war time bring the direct confrontation with the enemy and the emotion of imminent danger. Victory in the air combat is conditioned by a number of factors whose nature is very different, such as: psychological factors, technical, tactics and situational.

Keywords: psychology of air combat, psychological processes and features of fighter pilot.

THE COSTS AND BENEFITS OF EMOTIONAL WORK WITH A RAPPORT TO WORK PERFORMANCE

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The study was created to emphasise the role of authenticity that is auto-perceived in the workplace and the impact it has on the performance at work. The participants, all employed, in a number of 33, with ages between 19 and 40 years old. The justification of the study is tied to the management of emotions which has become a part of the organisational rules and norms, as the organisational decision-makers and employees consider that expressing certain emotions helps making certain client relations more efficient, and thus induces work performance.

Key words: health, emotional management, performance, relations.

DIMENSIONS OF THE DYSFUNCTIONS THAT APPEAR IN THE COUPLES WHO CANNOT HAVE CHILDREN TEMPORARILY

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The concept this article has as starting point is the management of a difficult couple situation, i.e. the temporary impossibility to procreate. The two partners live this situation differently and many times do not manage to find themselves in the relationship so that they can continue the fight together up to finding a solution to their problem. The study proposes an intervention for the couples with this issue and possible solutions of relational dynamics that can bring the two partners to find the way towards each other, but also towards their relationship. Hence, considering that each person appeals to different factors of health and in a different way, also having their own coping mechanisms of choice, the given study wishes to emphasize the importance of an intervention in finding the latter. Knowing one's own resources in fighting difficulties gives each of them the possibility to efficiently adapt to it.

Keywords: health, children, couple, dysfunctions.