

## **CHALLENGES IN PSORIASIS TREATMENT OF AERONAUTICAL PERSONNEL**

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Summary Psoriasis is chronic, multifactorial disease, with a complex pathogenesis. Disease severity is based on surface areas of involvement and quality of life impairment. Psoriasis in aeronautical personnel involves some limitations due to interference with flying duties and also because of the necessity of a flying approved therapy.

Key words: psoriasis, aeronautical personnel, topical corticosteroids, phototherapy.

## **ETHICAL, LEGAL AND MORAL ASPECTS OF MEDICAL PRACTICE IN PSYCHIATRY IN THE AERONAUTIC ENVIRONMENT**

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The paper presents some legal aspects regarding the rights of the psychic patient, in correlation with the medical acts in the psychiatric field. Professional secrecy is a legally established right for patients, and for medical staff it is an ethical and legally binding obligation. Numerous laws represent the legal framework of professional secrecy: the Criminal Code, Law 95/2005, the Code of Medical Deontology, the Law of Patient Rights, and the Law of the Rights of the Psychiatric Patient.

Key words: Deontology, the Law of Patient Rights, the Law of the Rights of the Psychiatric Patient.

## **LYME BORRELIOSIS: A REVIEW OF DATA ON TRANSMISSION, PREVENTION AND TREATMENT**

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Summary Lyme borreliosis represent a diagnostic challenge even for the best-informed clinicians being still a serious public health problem in Europe and USA. The ticks of the genus Ixodes transmit the disease. Lyme borreliosis (LB) is a multisystemic disease that can affect many organs, including the heart, joints, central nervous system, and brain, and can result in a large number of diverse symptoms including extreme fatigue, flu-like symptoms, arthritis, peripheral neuropathy, and cognitive dysfunction. It has early signs and also late sign and symptoms. The treatment should be made with appropriate antibiotics.

Key words: Lyme disease, Borrelia burgdorferi, treatment and prevention.

## **VITAMIN D: A MILESTONE IN THE TREATMENT OF OSTEOPOROSIS**

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Osteoporosis and the diseases of the osteoarticular system have significantly flourished lately due to the dramatic changes that have occurred in our diet, lifestyle, working conditions, as well as to the “aging” phenomenon, characterized by a belief in high life expectancy. Consequently, it was considered necessary that the causal agents responsible for some diseases should be analyzed and a closer

approach should be devoted to the mechanisms that generated these disorders, the way they developed, and the best means to prevent and treat them. Recent research has confirmed the necessity of a sufficient vitamin D supplement to be taken by patients, in addition to other therapeutic methods, which means that vitamin D has been “the great absent” from the treatment programme usually followed by patients suffering from osteoporosis.

Key words: vitamin D, osteoporosis, prevention, treatment.

### **INVENTORY OF PROFESSIONAL ADAPTATION FOR MILITARY PARATROOPERS**

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The Inventory of Professional Adaptation (IAP) is a working tool that we intend to build for the purpose of periodic assessments of aeronautical personnel. It is part of the evaluation paradigm based on professional adaptation, applicable in the context of psychological assessments that take place throughout the professional activity. It aims at collecting information on the degree of current adaptation to the aeronautical professional environment, which can serve as predictors of future professional performance. In this article we present the results of the application of IAP to parachutists. Method. The instrument version was applied in pencil-paper format, individually, on the occasion of the annual psychological evaluation. Participants. The sample, of 188 paratroopers (97.4% men), aged 19-53 (average 37.8 years). Results and conclusions. The results refer to psychometric characteristics of the instrument (internal and external validity).

Key words: professional adaptation, periodic evaluation, military aeronautical personnel, evaluation tool