

# Homeopathic Therapy of Chronic Prostatitis among Liquidators of the Accident at the Chernobyl Atomic Power Station (CHAPS)

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## Introduction

The basis of development of prostatitis and its complications in victims of ionized radiation consists of disturbances in the hypophysis and gonads, microcirculation in the prostate gland, and the patient's general immune status.<sup>1,2</sup> It is critical to search for medications which can offer protection against radiation and which have a minimum of side effects.<sup>3</sup> The study of pathological processes of development of chronic prostatitis is one of the important problems in urology.<sup>4</sup> One of the main reasons for the development of prostatitis is intensification of the peroxide oxidation of lipids (POL) and steady accumulation of their primary products. When a significant increase in POL concentration occurs in plasma and tissues the POL products can trigger mechanisms of stress.

Many of the liquidators of the accident at CHAPS have typical neuropsychological syndromes, most commonly, psychopathologic signs of disease.<sup>5</sup> There are symptoms of dysfunction of diencephalic structures of the brain and a leading role in the development of pathological changes to the prostate gland can be attributed to psychoemotional factors.

A secondary activation of POL often appears under the influence of ionized radiation as well as under prolonged stress. This can cause disturbances of the metabolic processes with depletion of reserves of the antioxidation system and appearance of stable morphologic changes in the prostate gland. Simultaneously there is very high activity at the prefrontal lobe of the brain and an increase of catecholamines in the blood. Catecholamines are not able to cross the blood-brain barrier and can cause several indirect effects from changes in brain circulation to modification of processes related to brain metabolism and synthesis of hormones. An increase in the level of glucocorticoids and catecholamines during a prolonged period of time is a cause of pathological changes in the CNS including a secondary decrease of noreadrenaline

and a reduction of energy turnover in the brain. Constant emotional tension related to the expectation of "sexual crisis" promotes the additional phenomenon of neurogenic inflammation. An inadequate reaction to stress combined with ionizing radiation causes an increase of inflammatory processes which affect the prostate gland and consequently produces favorable conditions for transfer to the chronic stage.

Around the prostate gland are neurotrophic tissue basophils which, when stimulated, release several mediators including histamine, serotonin, prostaglandins, and leukotrienes, and lead to a localized site of inflammation.<sup>6</sup> In this condition peroxidation occurs in a chain reaction until a substrate supply is stopped. Because of this reaction it is necessary to select optimal medications which can suppress the activity of free radical peroxidation.

Lately there have been reports of successful use of homeopathic medications in the treatment of urogenital diseases. However, there is no data which proves the effectiveness of homeopathic treatment among liquidators of the accident at CHAPS. This study was done specifically to evaluate homeopathic treatment for chronic prostatitis in liquidators of the accident at CHAPS.

## Methods of research

We conducted a study with 37 patients with chronic prostatitis, all of whom were exposed to different degrees of ionized radiation by the accident at CHAPS. The patients ranged in age from 29 to 56 years of age. The diagnosis of chronic prostatitis was established on the basis of patient complaints, and on clinical and laboratory data.

A total of 27 patients in the principal group were treated with complex homeopathic preparations produced by Heel GmbH. In contrast to single homeopathic remedies, complex formulas are combinations of remedies which work together syn-

ergistically. Such homeopathic combinations contain remedies which work on the principle of similarity. In other words, remedies can cause pathological symptoms if taken in large doses in healthy individuals, but can be used therapeutically in dilutions to treat similar conditions.

The control group included 10 patients who were treated with conventional methods such as antibiotics, immunomodulators, adaptogens, and other allopathic modalities. Conventional therapy is generally based on principles of opposition, (i.e., temperature reduction), or compensation (i.e., spasmolytics and relaxants), so this therapy was symptomatic.

In chronic prostatitis POL is an important pathological link.<sup>7</sup> Homeopathic remedies facilitate a decrease of activation of POL processes in plasma and therefore decrease the level of POL products much earlier in the course of the disease than does conventional treatment. It appears that there is a very close correlation between the degree of disease and the degree of POL disturbance.

We noted a significant decrease in the level of POL products in the plasma in the principal group because of an increased production of vasodilators which diminished tissue hypoxia. This is the most important factor of activation of POL since with prostatitis there is documented decreased microcirculation, and therefore decreased blood supply to the prostate gland and accompanying prostate tissue hypoxia.<sup>4,7</sup>

Treatment was carried out in an outpatient population in both the acute and chronic phases of disease. During the treatment the medications were modified as the symptoms changed. The most successful therapeutic effect was noted when several complex homeopathic preparations were administered together. New, effective methods of treatment of prostate gland pathology were found, which can significantly decrease the use of synthetic medications. The use of complex homeopathic

preparations facilitated the natural elimination of homotoxins, theoretically by means of the critical acceleration of the recovery process.

Different types of homeopathic preparations were used in the treatment of prostatitis:

### 1. Complex homeopathic preparations

Belladonna-Homaccord<sup>®</sup>, Horneel, Populus compositum, Psorinoheel, Solidago compositum, Sabal-Homaccord<sup>®</sup>, Testis compositum<sup>®</sup>

### 2. Homeopathic single remedies

Nux vomica 6X, Agnus castus-Injeel<sup>®</sup>, Cantharis-Injeel<sup>®</sup>, Cystopyelonephritis-Injeel<sup>®</sup>, Funiculus umbilicalis suis-Injeel<sup>®</sup>, Luesinum-Injeel<sup>®</sup>, Medorrhinum-Injeel<sup>®</sup>, Trichomonaden Fluor-Injeel<sup>®</sup>, Testis suis-Injeel<sup>®</sup>, Urethra suis-Injeel<sup>®</sup>

### 3. Inflammatory mediator in homeopathic dilution

Histaminum-Injeel<sup>®</sup>

The drug of choice was Testis compositum<sup>®</sup> which can be used for different conditions. The presence of inflammatory changes in the prostate gland and various degrees of androgen deficiency were the primary reasons for using Testis compositum<sup>®</sup>. It contains a combination of ingredients which enable the body to compensate for bioenergetic and informational insufficiency. Its formula consists of:

Testis suis 4X, Embryo suis 8X, Glandula suprarenalis suis 13X, Kalium picrinicum 6X, Ginseng 4X, Damiana 8X, Caladium seguinum 6X, Cor suis 8X, Cortisonacetat 13X, Agnus castus 6X, Selenium 10X, Strychninum phosphoricum 6X, Cantharis 8X, Curare 8X, Conium 28X, Lycopodium 28X, Phosphorus 8X, Diencephalon suis 10X, Magnesium phosphoricum 10X, Ferrum phosphoricum 10X, Manganum phosphoricum 8X, Zincum metallicum 10X, Vitamin C 6X.

Other medications were used for different indications.

### Results and discussion

In the control group a maximum change in the level of common lipids was noticed

in 10 days, the level of common lipids in membranes of RBC decreased to 53.3%, and plasma levels increased to 50.1%.

In the principal group maximum lipid dysbalance was noted in 5 days, the level of common lipids in RBC membranes decreased to 30.7%, and plasma levels increased to 18.6%.

Depletion of the level of concentration of POL products in the principal group was noted in 5-7 days, and in the control group in 10-14 days.

The use of homotoxicological preparations facilitated a reduction of activation of POL processes in plasma, lowering the level of its primary products in the early stages of the disease. Among liquidators of the accident at CHAPS, the activation of POL processes was an important pathological link in the development of acute prostatitis. It was noticed that there was a close relationship between the severity of duration of illness and the severity of disturbances of POL processes. It was also noticed that there was a significant decrease in concentration of the POL products in the plasma of patients with prostatitis under the influence of the homeopathic products as compared with allopathic medications. This effect was gained by a positive influence on the circulatory system and by activation of the immune system.

The influence of complex homeopathic preparations was noted on processes related to mechanisms of POL activation. Lowering of the level of common lipids in RBC membranes and increasing its level in plasma is statistically significant ( $P < 0.001$ ).

### Conclusion

1) Changes in immune response are seen among patients with chronic prostatitis who were affected by ionizing radiation.

2) Changes in the level of common lipids in RBC membranes are an informative sign in patients with prostatitis who were exposed to ionizing radiation.

3) The radiation protection effect of this outpatient evaluation could be noticed by the recovery of biochemical functions in the early stages of the disease.

4) Accumulation of the POL products is one of the important factors in the development of inflammatory prostate diseases

in liquidators of the accident at CHAPS.

5) Use of homotoxic preparations seemed able to correct and activate metabolic systems of the body which were affected by radiation after the accident at CHAPS, and led to normalization of POL processes in the early stages. We recommend Heel preparations as drugs of choice for rehabilitation treatment of patients who participated in liquidation of the accident at CHAPS.

Translated by Dr. Alexander A. Isazadeh.

### References

1. Gorbov VG. Dynamics of disturbance of sexual function in participants of liquidation of consequences of the accident at Chernobyl APS. International conference in Kiev (1995 May 24-25):94.
2. Gorpichenko II. Sexual disorders in male participants of liquidation of consequences of the accident at Chernobyl APS. International conference in Kiev (1995 May 24-25):96.
3. Peclina GP, Babkov KD, Pichugina SA. Study of action of "VIN-VITA" on oxidation of lipids and antioxidant system of the body in liquidators of the accident on CHAPS. *J Med Rehab and Phys Ther.* 1996(2):28-30.
4. Tkachuk BN, Gorbachov AG, Aguliansky LI. Chronic Prostatitis. *Medicina.* 1998, 208 pp.
5. Heine H. Gesundheit-krankheit-stress. *Biol Med.* 1997.(5):200-204.
6. Khomskaia ED, Krasnov BH, Yurkin MM. Comparison of neuropsychological and psychiatric picture of disease in persons who participated in accident liquidation on CHAPS. International conference in Kiev (1995 May 24-25):76.
7. Seregin CP. Methods to increase effectiveness of physiologically based approach to treatment of chronic prostatitis. Ph.D. dissertation, CPb. 1997:38.

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