OP-020 [Apitherapy]
Use of bee products in the treatment of chronic bacterial prostatitis: results of a clinical study

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The development of apitherapy began many centuries ago. However, currently it is still not a widespread method for the treatment of various diseases. In order to strengthen the evidence base for apitherapy, Medok Company LLC (Ukraine) organized a series of clinical studies of bee products.

In 2021, at the Kharkiv National Medical University (Ukraine), at the clinical sites of the Department of Urology, Nephrology and Andrology, a clinical study was conducted on the use of bee products in the complex treatment of chronic bacterial prostatitis.

The study included 60 patients with chronic prostatitis. In the complex treatment of these patients, the following combination of bee products was used: 1) lyophilized drone larvae homogenate, 1 capsule 3 times a day (per os), 2) suppositories with drone homogenate 1 time a day (per rectum), 3) beebread, 5-7 granules per day (per os). Patients took the complex of bee products for 30 days.
As a result of the complex treatment, high and moderate effectiveness was achieved for 93.3% of patients, and low - only for 6.7%.

A significant improvement in clinical and laboratory parameters was achieved: 1) pain on palpation disappeared for 86.7% of patients, 2) the size of the prostate gland decreased and the heterogeneity of its structure disappeared (76.7%), 3) the number of leukocytes decreased (66.5%), 4) the number of erythrocytes decreased (75%), 5) testosterone levels increased (22%), etc.

Significant improvements were achieved in the international IPSS system, which is used to subjectively assess symptoms in chronic prostatitis. According to patients, the severity of symptoms of the disease decreased by 93.9%, quality of life improved by 29.3%, and the assessment of general condition changed from “severe” to “mild.”
Only 4.7% patients experienced slight itching of the skin; other patients did not experience any side effects.
A clinical study of the use of homogenate of drone larvae and beebread for patients with chronic bacterial prostatitis showed their high effectiveness and tolerability. So, these natural and safe products are very promising for further research and practical application for prevention and treatment of various diseases.

USE OF BEE PRODUCTS IN THE TREATMENT OF CHRONIC BACTERIAL PROSTATITIS: RESULTS OF A CLINICAL STUDY

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A clinical study was conducted on the use of bee products in the complex treatment of chronic bacterial prostatitis

The study included 60 patients with chronic prostatitis

The combination of bee products used:

Lyophilized drone larvae homogenate, 1 capsule 3 times a day (per os)

Suppositories with drone homogenate,
1 time a day (per rectum)

Beebread, 5–7 granules per day (per os)

Patients took the complex of bee products for 30 days

Effectiveness achieved

High and moderate	Low
93.3%	6.7%

Significant improvements in clinical and laboratory parameters were achieved:

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Quality of life improved by

29.3%

The assessment of general condition changed

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– Pain on palpation disappeared (86.7%)

– The size of the prostate gland decreased and the heterogeneity of its structure disappeared (76.7%)

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The clinical study of the use of homogenate of drone larvae and beebread by patients with chronic bacterial prostatitis showed high effectiveness and tolerability of bee products

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for prevention and treatment
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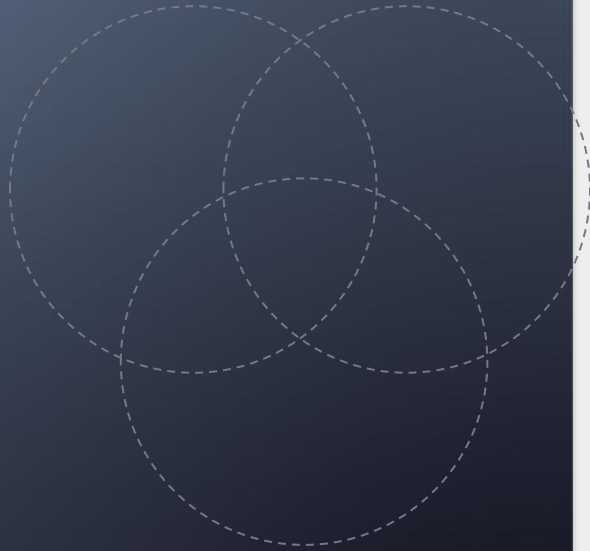

V.Knizhenko, PhD, V. Iolkin, Production, processing and sale of bee products

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