

Camelyn for parodontics curing

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The pathology of parodont tissue - still remains to one of a unresolved problem in sphere stomatology.

The high percent of spreading, of pathology (at 34-40 age - 65 %) together with essential changes, of jaw - teeth system. parodontitis dieses, is estimated as the general medical and social problem.

The known fact, that parodontosis is cause of fluctuation and premature losses of a teeth, and accordingly causes - frustration chewing and speech - systems and also aesthetical inferiority.

The parodont diseases negatively influences on, the psycho emotional sphere, reduces resistance of organism with infectious and with other factors. Causes a sensitization and allergenicity.

Complexity of treatment provoked from complexity of diseases aetiology. In medical literature is continuing discussions about the numerous reasons an origin (internal and external factors) and the mechanism of disease.

The basic reason in development and in origin of most spreading forms of a parodont (chronic inflammations disease gingivitis and parodontosis) is persistence of pathogenic flora in oral cavity - Therefore main principle of treatment should be based on reduction, of increase and spreading of micro organisms.

Recent years on the basis of development of clinical immunology has been established the aspects of immunologic disease of a parodontosis. In development of disease especially in the initial stage, the big attention has morphological condition of the specific and not specific protective systems of an organism. Existing data on destructions of immune system in process of disease of parodontosis. [1,2] gives the basis , that it is expedient to use medicine which correlates of immune system and also would be used in combined treatment of inflammatory processes parodontosis,

With this purpose is perspective to use, original medicinal -preventive product – Camelyn. It is local product which possesses with modulation of immunity and with

antioxidant activity and was (received) produced from the special sort of honey. Which contains biologically high effective, activity products of bee: Phenols, benzoates, aldehydes, ketonals, cumarines, furocumarines, ethers, aromatic and aliphatic acids.

Camelyn as a stimulator of immunomodulation activity, increases humoral and cellular immunity

Camelyn is ecologically pure, hipoalergical and non toxicity. Exists various way of introduction in organism: (injection, peroral, powder, ointment, instillation, impregnation) solution, powder, ointment in adults and children using in combined treatment, (as the part of complex therapy) also individually when exists need the stimulation and modification of immunity of organism.

Camelyn possess with anti-inflammatory, analgesic, regenerative, (stimulates processes of a reparation)action. Side effect is not detected [3].

According above mentioned properties of Camelyn, the purpose of our work was to use Camelyn in complex treatments of disease - the chronic form of inflammatory parodont's tissue - gingiviti, parodontosis) and establish efficiency of treatment .

Under observation were 56 patients in the age of 25-52 years. From them 34 women and 22 man. 25 patient with the diagnosis gingiviti (8 easy form, 12 mean form, and 5 – with heavy form) 31 patients had the diagnosis of a parodontosis (11-easy form, 14-mean form 6- heavy form of disease.) On basis of diagnosis the patients have been divided into 2 groups

I - control group, treatments was carried out by a traditional method and

II Experimental group which were under observation and was used as a traditional method of treatment and also complex therapy with Camelyn (see schedule 1).

Divide patients according a level of diseases

Schedule 1

	Severity of diseases	Number of patients	I Control group	II Experimental group
gingiviti	easy form	8	4	4
	mean form	12	6	6
	heavy form	5	2	3
parodontitis	easy form	11	5	6
	mean form	14	7	7
	heavy form	6	3	3

Traditional method of treatment was carried out in classical way of successively. Ethiotropic therapy – scaling, tooth was processed and cleared from stones, and gum by antiseptic solutions, were processed. in the case of need was corrected defects from dental stopping and. denture, The patients were given the instruction about how to look after oral cavities.

Pathogenetic treatments – carried out with anti- inflammatory medicines (enzymes, antibiotics, sulphanilamide, -in accordance of disease form)

Regenerative therapy (rehabilitation) – carried out by keratoplasty remedy such as oil solutions, ointment, physiotherapy, vegetative rinser.

In Experimental group in treatment process was involved 35 % Camelyn, solution for washing out prudential bags and gingival inter dental small papilla.

Also 5 % ointment for gum's application. Ointment convenient for use, admissible use as well in combine with other medicine

Result of observation has shown that after involving Camelyn into complex treatment, appeared positive results. After 1-2 procedure inflammatory processes considerable decreased, gum's hyperaemia was replaced by pink colour, bleedings,

and pain symptoms also decreased. Had been improved general condition of patient, mainly: Patients were marked that - have felt reduction of pain, pulling up of gums and also marked pleasant sense from condensation of gums (multiplexing).

For estimate comparison before and after treatment we used data of PMA index (papillary- -marginal- alveolus)

(Schedule tab.2)

Data of PMA Index before and after treatment in control and experimental groups

Diseases form	Number of patient	PMA – index before treatment	PMA after treatment		
			Control group	Experiment group	
		M ± m	M ± m	M ± m	
gingiviti	easy	8	24,6 ± 1,1	11,2 ± 0,87	9,5 ± 1,03
	mean form	12	43,5 ± 1,3	19,6 ± 1,2	14,3 ± 0,76
	heavy	5	69,8 ± 1,72	27,3 ± 1,89	18,9 ± 1,63
parodontitis	easy	11	28,2 ± 1,3	19,5 ± 0,84	12,5 ± 1,08
	mean	14	50,3 ± 1,88	29,4 ± 0,82	20,8 ± 0,6
	heavy	6	77,7 ± 2,18	47,7 ± 2,26	32,2 ± 2,2

By the data from schedule. PMA index considerable decreased after treatment as in control (1, 9 times) also in experimental group (2, 27-times). This fact indicate effect of treatment , should be marked that in experimental groups index of PMA improved more considerable (1,43-times) than in control group.. Results has shown that Camelyn is effective remedy and treatment term was reduced on 1-2 days in comparison with control group (schedule 3)

Treatment terms in days - Control and experimental group

schedule 3.

Diagnosis		Treatment terms in days	
		Control group	Experimental group
		M ± m	M ± m
gingiviti	easy form	4,0 ± 0,41	3,2 ± 0,25
	mean form	5,67 ± 0,38	5,0 ± 0,33
	heavy form	9,0 ± 1,0	8,0 ± 0,58
parodontosis	easy form	6,57 ± 0,18	5,71 ± 0,25
	mean form	9,86 ± 0,3	8,43 ± 0,26
	heavy form	13,66 ± 0,88	10,66 ± 0,64

Data from schedule has shown, that terms of treatment in experimental group, comparison with control group, have sharply decreased (on 1, 2-times), this fact once again proves positive influences, of Camelyn on treatment process.

Thus, inclusions Camelyn in complex treatment of parodont, has revealed high efficiency of a medicine. MPA index has increased; term of treatment process was reduced, subjective senses in patients (itch, decrees of bleedings, condensation of gums, etc.)

Observation on further results is continues.

Obtained data approve expediency on use of Camelyn in treatment of various forms of inflammatory processes parodontosis.

Literature

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RESUME

Instruction for use Camelyn “Camelyn” for parodontics curing

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In article are presented results of clinical study treatment of inflammatory diseases of parodont, (gingivitis and parodontosis) with medicine Camelyn

Camelyn is local product which was produced from the special sort of honey and contains biological high active products.

Camelyn possesses with immunostimulation, anti-inflammatory action, activates regeneration process, and has analgesic effect.

Under clinical observation were 56 patients with various forms of disease. (21 patient) with gingivitis and (31) with parodontosis)

Estimation of anti-inflammatory action of Camelyn was based on dynamics of parameters of PMA index.

Index was defined before beginning of research as well at the end of observation, also was defined treatment terms.

Had been concluded: in case of gingivitis and perodontosis) more functional to use topical-application of Camelyn.

By 35% Camelyn solution was washed out prudential bags (pockets) and gingival interdentally small papilla, 5% ointment was used independently - separately (during 10-15 minutes) as well in combine with other medicine observation has shown reduction of PMA indexes parameter in average on 1,43-time, and reduction of treatment's term on 1-2 days in comparison with control group.

The received results have confirmed clinical appropriateness to use Camelyn for gingivitis and parodontitis in combined treatment.