



PROPHYLACTIC MATERIALS

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**AIR-CLEANS • ARGENATE • BELSOL • BELAGEL
BELAK-F • GLUFTORED • DESENSIL • COLOR-TEST
POLIDENT • NANOFLUOR • FISSULIGHT • FISSHIM**



PROPHYLACTIC MATERIALS


VLADMIVA

ORAL HYGIENE

COLOR – TEST
BELAGEL – R
BELSOL №1

WHITENING

BELAGEL – O
BELAGEL – O ACTIVE
BELAGEL – O LIGHT
BELAGEL – O WHITE

FISSURE SEALANTS

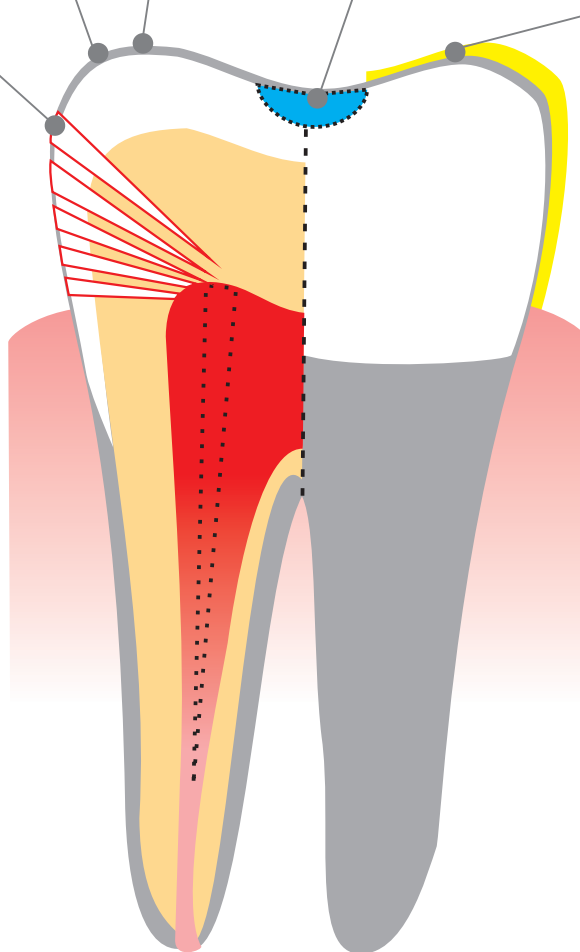
FISSHIM
FISSULIGHT

REMINERALIZATION, FLUORIDATION AND SILVERING

BELAGEL – CA/P
DESENSIL
GLUFTORED
BELAGEL – F
BELSOL №1–F
BELAK – F
NANOFLUOR
ARGENATE

POLISHING PASTES

POLIDENT
AIR – CLEANS
SOFT, PERIO, PROPH



DECORATIVE COSMETICS

COLORDENT
COLORDENT – LC



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Healthy Lifestyle of teeth

PROPHYLACTIC MATERIALS

Beauty of smile and whiteness of teeth – are not just demands of «haute couture», but an element of culture and health of every human.

Prophylaxis in dentistry plays tremendously important role. The whole health of human body depends on the state of mouth and teeth health. Innocent, at first sight, caries may become the reason of disease of not just only alimentary tract, but of other very important parts of systems of organism.

The main aim of prophylaxis is elimination of reasons of emergence and development of diseases, and also creation of conditions for improvement of sustainability of organism of effects of un-favorable factors of environment.

The problem of prophylaxis of dental diseases is very relevant, as far as the results of numerous researches indicate that intensiveness of major dental diseases (teeth caries and periodontal disease) among the population of Russia is pretty high.

The most effective and at the same time simple means of prophylaxis of dental diseases is daily hygienic mode of oral care, including: teeth brushing, flossing, rinsing using rinses with anti-bacterial active components. However, hygienic procedures are not just limited by this.

Prophylaxis of oral hygiene constitutes complex of measures, which includes not only daily teeth brushing, but also regular visit to dentist.

The substantial argument for prophylaxis is that the cost of prophylaxis methods and means is by many times lower than the cost of healing of dental diseases which have already evolved.

In this catalogue we present the materials for prophylaxis of dental diseases: indicators of plaque, polishing pastes, fluoride and remineralizing gels, liquids and varnishes, as well as modern means for whitening of teeth, which can be used both at dentist's treatment and at home.

In this way, the efforts of not just specialists but of the society in general are necessary to improve dental health. Every person should understand that it is equally important to take care about dental health as about the appearance!



COLOR-TEST

SET OF LIQUIDS FOR DIAGNOSTIC OF ORAL HYGIENE



PURPOSE

COLOR-TEST №1 — is intended for detection of inflammations of soft tissues (Schiller-Pisarev test). The sample is the objective test for estimation of degree of periodontitis and effectiveness of treatment, can be used for estimation of the spread of inflammation and boundary limits of surgery at gingivectomy, curettage of periodontal channels, for detection of subgingival dental plaque.

COLOR-TEST №2 — for revealing of softened enamel and dentine in case of caries; for control of full removal of caries dentine, and also for detection of microcracks in sealings.

COLOR-TEST №3 — is for detection of soft and hard plaque and estimation of mouth hygiene by a dentist or independently by a patient at home.

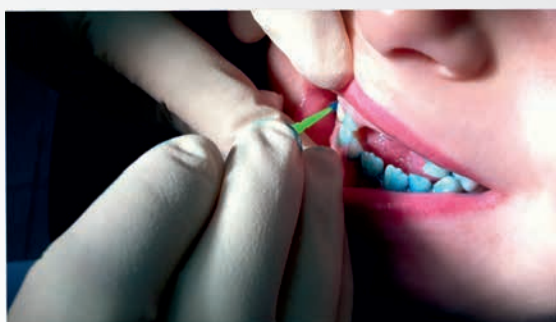
COMPOSITION AND MAJOR PROPERTIES

The properties of Color-test №1, which includes iodine, potassium iodide and basis, are determined by the ability of glycogen (the amount of which goes up at inflammation) to give coloring in the process of interaction with iodine-containing solutions. In the process of infliction of Color-test №1 at the soft tissues of mouth the process of coloring of inflamed area takes place.

Color-test №2 contains basic fuchsin which adsorbs on damaged protein of tooth hard tissues and gives red-violet coloration to softened enamel and dentine. Healthy tooth tissues - enamel and mineralized dentine at the same time will not be colored. Thus, the dentist can determine the level of surgical intervention.

The material contains methylene blue which gives blue color to bacterial dental deposit without changing color of intact tooth hard tissues and mucosa.

Methylene blue, which contains in liquid №3, paints bacterial plaque in blue, without changing the color of intact hard tissues and mucous membrane of mouth.



1. Apply by applicator Color-test №3

2. Wash mouth to remove unfixed coloring



3. Plaque paints in blue

PACKAGING

code	form of production	volume
00000049	Liquid № 1	20 ml
00000051	Liquid № 2	20 ml
00000052	Liquid № 3	20 ml



POLIDENT

SET OF POLISHING PASTES



PURPOSE

Polident №1 — for softening and removal of tartar without damage to tooth enamel. Recommended for curing of discoloring of hard tissues of tooth, for smokers and for sick with lithiasis.

Polident №2 — for removal of soft plaque, pellicles and treatment of enamel before teeth restoration, fissure sealing, teeth whitening as well as caries prophylaxis by method of plaques' removal.

Polident №3 — for whitening, remineralization and fluoridation of tooth enamel.

COMPOSITION AND MAJOR PROPERTIES

Polishing pastes «Polident» have abrasive properties, fluoridate (pastes with fluorine) and protect teeth enamel, create pleasant effect of freshness in mouth. «Polydent» pastes contain abrasive, antiseptic and flavoring additives, paste-formator, and filler.

Paste «Polident №1» is characterized by set of chemical and mechanical impacts on hard dental plaque. Acid component of paste softens hard plaques, abrasive removes the plaques from teeth surface during treatment, and antiseptic prevents from repeated deposition of plaque.

Paste «Polident №2» contains abrasive, which allows cleaning of enamel and fissures with minimal risk of damage of the surface. Hydrophile paste-formator, which gives the paste plastic consistency comfortable in work, allows easily remove paste with water from teeth surface.

Whitening properties of **«Polident №3»** paste are determined by carbamide peroxide – the most efficient bleach, which preserves enamel. Abrasive easily removes light raid, fluorides which contains in paste composition and phosphorus derivatives remineralize and protect teeth enamel.



before cleaning



after cleaning

PACKAGING

code	form of production	weight
00000108	Set Paste № 1, 2, 3	40g/40g/30g
00000094	Paste №2	5 ml
00000007811	Paste №2	90 g

code	form of production	volume
00000093	Paste №1	5 ml
00000007812	Paste №1	90 g
00000096	Paste №3	5 ml
00000007810	Paste №3	90 g



BELAGEL - R

SOFTENING GEL



PURPOSE

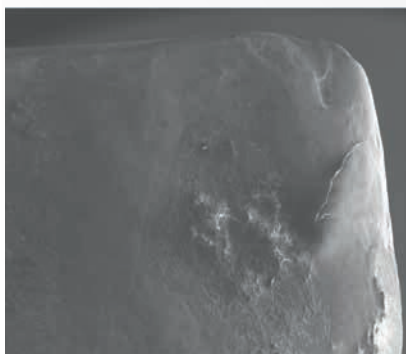
Detect and softening of plaque at its removal from movable tooth at periodontium diseases.

COMPOSITION AND MAJOR PROPERTIES

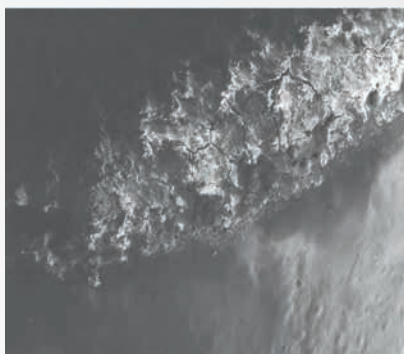
Specific properties of preparation are defined by the acid which it contains, which partially dissolves salts, which form plaque. It allows to hurt less hard tissues of a tooth and mucous, compared with traditional way of removing of tartar.

Aspic oils, which are contained in «Belagel-R» give the effect of freshness, and coloration of plaque in blue color contrasts with enamel and oral mucosa, which allows a dentist to control his work.

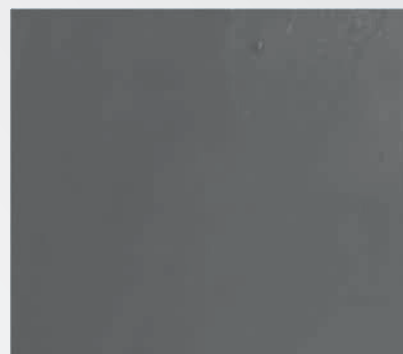
Tooth enamel surface (electronic-ion scanning microscope Quanta 200 3D)



plaque at tooth surface



softening of plaque
by «Belagel-R»



enamel after plaque removal

PACKAGING

code	form of production	volume
00000385	Gel	5 ml



AIR-CLEANS

MATERIALS FOR PREPARATION AND POLISHING OF TEETH BY METHOD OF SANDBLASTING

«Air-Cleans» powders are applied by method of sandblasting, produced in the form of powders of two types, different in assignment:

«PROPH» – for prophylactic treatment;

«PREP» – for preparation of oral cavity;

Also in the form of suspension «Air-Cleans» for removal of plaque (by method of VECTOR system).



AIR-CLEANS for prophylactic treatment:

PURPOSE

«Air-Cleans-PROPH» (on the basis of soda)

- removal of plaque and soft tooth tissues;
- removal of pigmentations and teeth whitening;
- cleaning of fissures before pressurization.

COMPOSITION AND MAJOR PROPERTIES

«**Air-Cleans-PROPH**» contains sodium hydrogen carbonate as the major component, with particles size, which allows to perform purification at sparing effect on hard tissues of tooth. In case of accidental hit of cleaning stream at gingival of lidocaine hydrochloride (0,5%), which contains in composition of powder, provides painless of soft tissues. The powder has pleasant, refreshing smell and taste. ***The powder contains one of the aromatic additives (lemon, cherry, black currant, tropic or mint).***

PROPH 120 μm

PURPOSE

«Air-Cleans-SOFT» (on the basis of glycine)

- removal of insufficient plaque;
- soft polishing;
- regular teeth-brushing of patients with sensitive parodontium;
- removal of biofilm and plaque around brackets.

COMPOSITION AND MAJOR PROPERTIES

«**Air-Cleans SOFT**» - possess soft abrasive properties and pleasant sweet taste. Powder perfectly suits for removal of soft supragingival plaque and for polishing of tooth surface after removal of tooth stone. This material effectively and reliably removes biofilm and tooth plaque around brackets. «Aer-Cleans-SOFT» is the best solution for regular prophylactic measures and repeated visits.

SOFT 65 μm

PURPOSE

«Air-Cleans PERIO» (on the basis of glycine)

- treatment of gingival pockets;
- subgingival polishing;
- reduction of pathogenic microbe flora in gingival pockets;
- removal of biofilm around implants;
- prophylaxis of dentist diseases of children.

COMPOSITION AND MAJOR PROPERTIES

«Air-Cleans-PERIO» - is effective at removal of biofilm around implants. Minimal size of particles of glycine guarantees favoring effect at implants surface and at surface of milk teeth of children. This powder perfectly suits of effective removal of biofilm without damage of soft tissues and enamel structure violation, dentine or cement.

PERIO 25 μm

PURPOSE

«Air-Cleans» Suspension is used for:

- removal of tooth stone;
- purification of tooth roots surface;
- teeth polishing.

COMPOSITION AND MAJOR PROPERTIES

«Air-Cleans» suspension contains hydroxyapatite (particles' size 5-7 μm). During supply of suspension the procedure of purification of a root deeply in subgingival pocket goes effectively and painlessly.

Suspension 6 μm



before cleaning



after cleaning

«AIR - CLEANS» FOR PREPARATION OF ORAL CAVITIES:

PURPOSE

«Air-Cleans-PREP» (on the basis of aluminum oxide)

- preparation of caries cavities in the area of neck of tooth;
- finishing treatment of caries cavities of different localizations;
- using at heightened sensitivity of teeth.

PREP 29 μm

COMPOSITION AND MAJOR PROPERTIES

«Air-Cleans-PREP 29 μm » - the size of particles and hardness of abrasive allows to dissect non-caries destructions of a tooth, to perform preparing of fissures before its pressurization, and to create mechanically roughness in oral cavity to enhance the adhesion of restoration materials to hard tissues of tooth.

PURPOSE

«Air-Cleans-PREP» (on the basis of aluminum oxide)

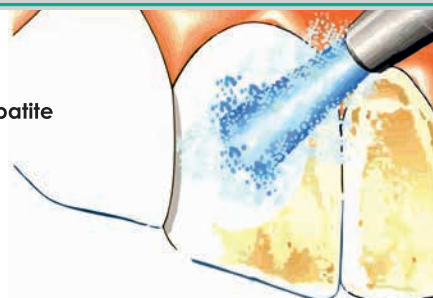
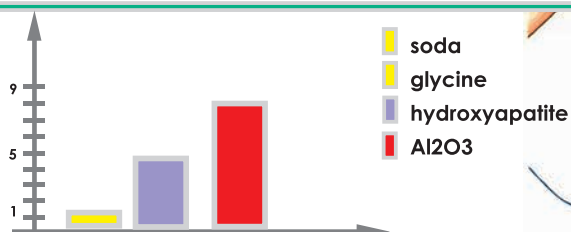
- removal of old plumbages;
- removal of hard dental deposits;
- extension of caries cavities.

PREP 45 μm

COMPOSITION AND MAJOR PROPERTIES

«Air-Cleans-PREP 45 μm » - allows to dissect the caries tooth tissues, effectively remove hard dental deposits, conduct shaped defects of the tooth preparation and precise preparation of teeth before tooth replacement with prosthetic crowns.

SOLIDITY according to Moos



PACKAGING

code	form of production	weight
00000007000	Powder 29 μm	40 g
00000007725	Powder 29 μm	200 g
00000034833	Powder 45 μm	40 g
00000034834	Powder 45 μm	200 g
00000032612	Powder 65 μm	200 g
00000032613	Powder 25 μm	120 g
00000008913	Suspension	100 ml

code	form of production	weight
00000005115	Powder 120 μm (lemon)	20 g
00000006407	Powder 120 μm (lemon)	300 g
00000047437	Powder 120 μm (cherry)	300 g
00000045891	Powder 120 μm (mint)	300 g
00000045892	Powder 120 μm (tropic)	300 g
00000045893	Powder 120 μm (black currant)	300 g



WHITENING MATERIALS

BELAGEL- O

GEL SYSTEM FOR TEETH WHITENING
on the basis of carbamide peroxide



PURPOSE

Removal of discolorations both originally present on teeth, and appeared with ageing, and for whitening of pulpless teeth, including in-coronal whitening.



COMPOSITION AND MAJOR PROPERTIES

«Belagel-O» is universal whitening gel system with carbamide peroxide as the most modern and sparing whitening agent. Peroxide is the source of atomic oxygen, under activity of which there is breaking up of organic matters painting tooth tissues. Active oxygen removes bacteria cooperant to forming of unpleasant smell. A whitening gel contains 30% of water, consequently, there is no drying and dehydration of hard tissues. Teeth do not lose brilliance. The ions of potassium incoming in the complement of «Belagel-O» prevent appearance of sensitivity of teeth.

Depending on concentration of carbamide peroxide preparation can be used both at home under the supervision of dentist (12%, 20%) and in the dental clinic conditions (30%).

It is recommended to combine home whitening with clinical.

At filling and restoration of teeth it is recommended preliminary to conduct whitening of dental row with the purpose of correct choice of tint of restoration material.

We also propose a set of gels (home and clinical whitening) for complex impact at hard tissues of a tooth.



name of material	whitening agent	clinical whitening	home whitening
«Belagel-O» (30%)	carbamide peroxide	allowed	not allowed
«Belagel-O» (20%)	carbamide peroxide	allowed	allowed
«Belagel-O» (12%)	carbamide peroxide	allowed	allowed
«Belagel-O» endo (60%)	hydrogen peroxide	allowed	not allowed
«Belagel-O» active (30%)	hydrogen peroxide	allowed	not allowed
«Belagel-O» active (20%)	hydrogen peroxide	allowed	not allowed
«Belagel-O» light (15%)	hydrogen peroxide	allowed	not allowed
«Belagel-O» white (6%)	hydrogen peroxide	allowed	allowed

PACKAGING

code	form of production	volume
00000015	Gel 12%	5 ml
00000016	Gel 20%	5 ml
00000017	Gel 30%	5 ml
00000011	set 12%	
	Belagel O	4 pieces
	Belagel Ca/P	2 pieces
	Belagel F	2 pieces
	Paste (for protection of mucous)	1 piece
	Kappa	2 pieces
		5 ml

00000012	set 20%		
	Belagel O	4 pcs	1 ml
	Belagel Ca/P	2 pcs	1 ml
	Belagel F	2 pcs	1 ml
	Paste (for protection of mucous)	1 pcs	5 ml
	Kappa	2 pcs	
00000013	set 30%		
	Belagel O		5 ml
	Belagel Ca/P		5 ml
	Belagel F		5 ml
	Paste (for protection of mucous)		5 ml



BELAGEL- O ACTIVE

(20%, 30% hydrogen peroxide)

CLINIC SYSTEM TOOTH WHITENING



PURPOSE

Removal of discolorations both originally present on teeth, and appeared with ageing, and for whitening of pulpless teeth, including in-coronal whitening.

COMPOSITION AND MAJOR PROPERTIES

The structure of the whitening system «Belagel-O» active includes: gel based on 20% (or 30%) hydrogen peroxide and gel containing alkaline activator. By mixing two gels, hydrogen peroxide disintegrates to form active radicals, which occurs under the influence of the splitting of organic substances, that color the tooth tissue. The blue color of the gel facilitates the control of the bleaching process.

Using of system «Belagel-O» active provides improved color of teeth by 6-8 shades on the scale of VITA.

Gel, like any other material for whitening do not lighten restoration materials.

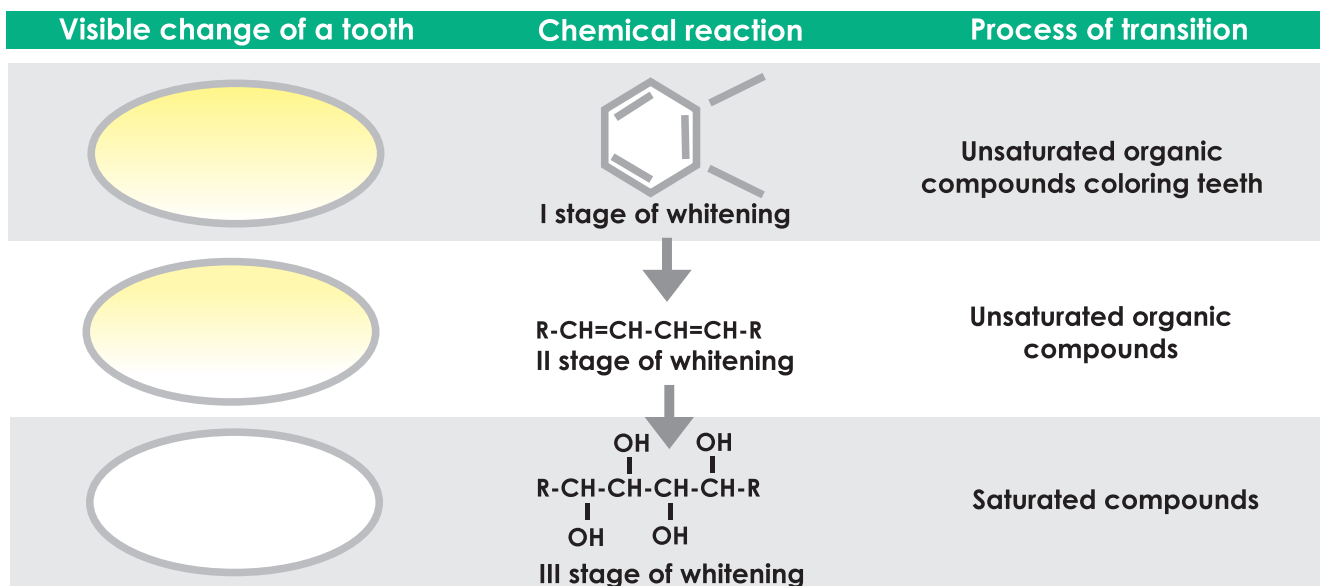


Belagel-O active 20%



Belagel-O active 30%

SCHEME OF WHITENING PROCESS



PACKAGING

code	form of production	volume
00008916	Gel 20% Gel activator	1,5 ml 1,5 ml
00009306	Gel 30% Gel activator	1,5 ml 1,5 ml



BELAGEL- O LIGHT

(10%, 15% hydrogen peroxide)

CLINIC SYSTEM TOOTH WHITENING

PURPOSE

Components of gel «Belagel-O» light are able to absorb a certain spectrum of light, which activates the whitening gel.

Application of gel «Belagel-O» light provides color improvement of teeth by 6-8 shades on the scale of VITA.

Gel is most effective in removing the yellow and brown stains on teeth, that have not previously been whitenine and can be used for whitening of all types of stains.

DIRECTION FOR USE

Before the procedure of whitening it is necessary prophylaxis of oral cavity of a patient.

Protect soft tissues of oral cavity with cofferdam. With brush gel is applied on teeth with a layer of 1-2 mm and is spread evenly.

After applying of gel, set a lamp «Zoom» in working position so that the light should be focused on teeth. It is recommended to have 3 cycles of whitening – 20 minutes each.

On finishing the procedure of whitening it is recommended to perform remineralization and fluoridation of patients' teeth.

ACTIVATED WITH LIGHT



before



after

PACKAGING

code	form of production	volume
00008915	Gel 15%	1,5 g
00025806	Gel 10%	1,5 g





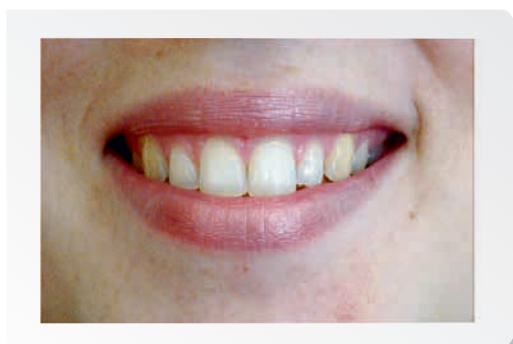
BELAGEL- O WHITE

GEL SYSTEM FOR WHITENING OF TEETH ON THE BASIS OF 6% HYDROGEN PEROXIDE

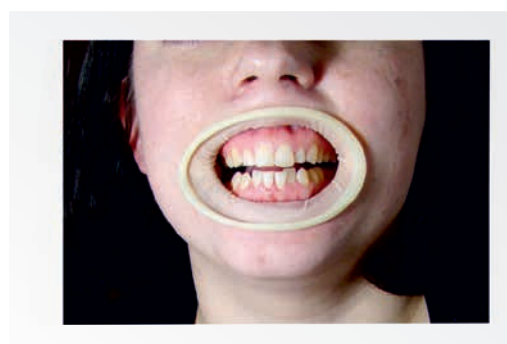
PURPOSE

Mobile tool to perform full course of whitening of natural teeth, as well as for maintenance of whiteness of teeth after procedure of professional whitening.

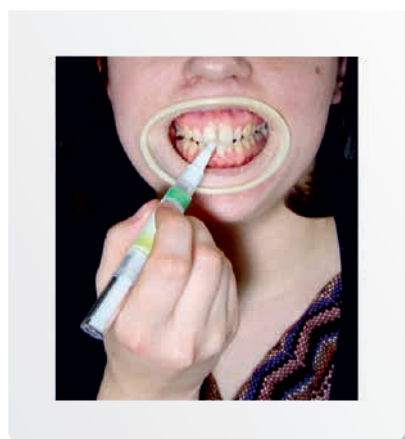
DIRECTION FOR USE



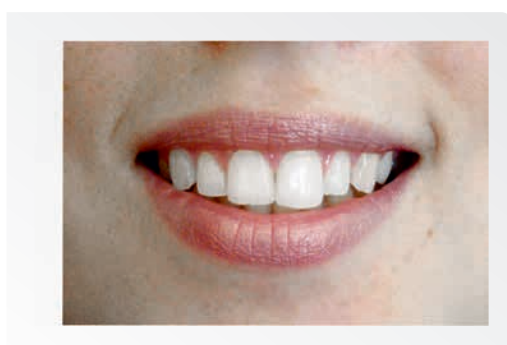
1. Before the procedure of whitening it is recommended to dry out teeth with the help of napkin.



2. Put retractant into oral cavity



3. Put carefully thin layer of gel at the frontal surface of teeth, avoiding touch of gums and lips.



4. Wait for 30 seconds, till bleaching agent will get dry

PACKAGING

code	form of production	volume
00000037834	set of gels «Belagel O White » 6% «Belagel Ca/P» Retractor	2,5 ml 2,5 ml 1 piece

FOR HOME WHITENING





BELAGEL- Ca/P

REMINERALIZING GEL

PURPOSE

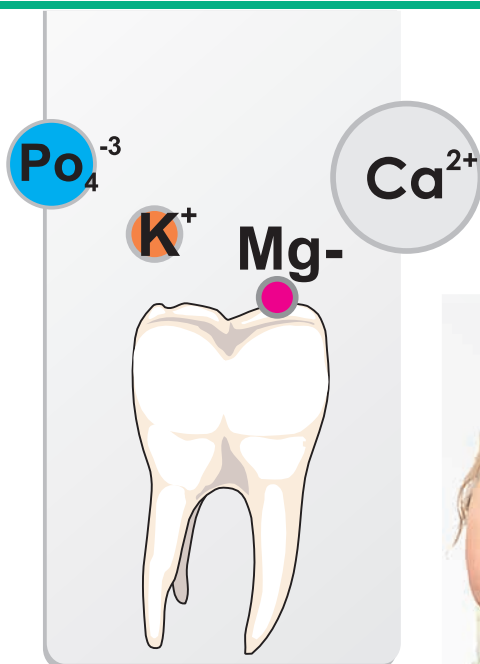
- prophylaxis of dental caries at its initial stage (**white spot**);
- remineralization of enamel when non-carious lesions appear during formation of teeth;
- in cases of hard tissues hyperesthesia, enamel hypoplasia, hard tissues erosion, etc.



COMPOSITION AND MAJOR PROPERTIES

Components of remineralizing gel «Belagel Ca/P» – ions, which are part of healthy tooth enamel, actively penetrate into enamel and dentine of damaged teeth and encourage their mineralization.

During polishing of gel into tooth surface and drying out, there forms film, which remineralizes tooth tissues during 3-5 hours. For more prolonged application, gel is used with utilization of dental tray.



1 g of «Belagel Ca/P» gel contains:

11 mg calcium ions,
5 mg phosphorus,
1,8 mg potassium ions,
0.9 mg magnesium ions.



PACKAGING

code	form of production	volume
00001149	Gel	5 ml
00013021	Gel	10 g
00000037853	Gel	2,5 ml





Scheme of remineralizing therapy with application of gel «Belagel Ca/P» for different clinical situations

DESEASE	FORM	RECOMMENDED COURSE OF THERAPY
Prophylaxis	Teeth caries and non-caries damage of teeth of the 2nd group	2 courses a year with 10-15 applications each day or every other day
Teeth caries	Compensated form of caries (1 oral cavity per year)	3-4 courses of 10-15 applications during a year
	Decompensated form of caries (2-3 oral cavities per year)	During the 1st month every day, repeatedly in 2 months, during stabilization of disease switch to the mode as at compensated form of caries.
Non-caries teeth damage	Damage before teeth dentition: hypoplasia, fluorosis, medical.	At the stage of white spot- before disappearance of spots (6-10 months)
		At erosive forms- during 1 month, with further dental filling by materials, which don't require acid etching.
	Damage after teeth dentition.	If dental filling is planned, applications of gel during 3-5 weeks (in case of necrosis – daily up till 1 year)
		In case of non-deep defects in range of enamel – daily applications during 2-4 months may lead to rather aesthetic result without dental filling. Course is repeated 2-3 times per year according to medical recommendations
Teeth Hyperesthesia	system	Daily till vanishing of symptoms
Teeth Whitening	During a course	Right after every procedure of whitening
	At finishing of course	Daily during 1-2 weeks
Orthodontic treatment	During all the period of treatment	Every day after teeth cleaning and orthodontic constructions from soft plaque.
	At finishing of treatment	Every day during 1 month





DESENSIL - VLADMIVA

SET OF LIQUIDS FOR REDUCTION OF TEETH SENSITIVITY



PURPOSE

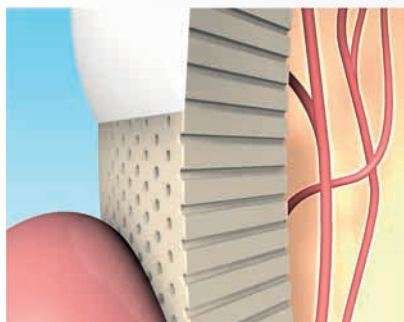
Reduction of dentine sensitivity at wedge effect, denudation of the cervical portion of the tooth crown, and also at erosion of enamel and also as pad for treating deep cavities and in cases of enamel erosion.

COMPOSITION AND MAJOR PROPERTIES

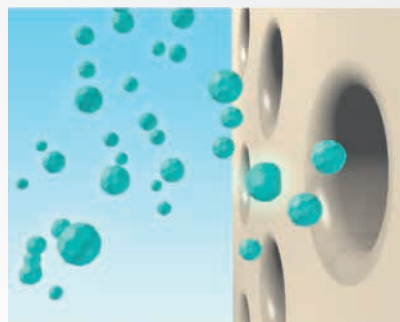
Dental liquids «Desensil-VladMiVa» № 1 and № 2 in joint using is simple and effect material for reduction of tooth sensitivity. **Liquid № 1** is a solution containing phosphate, potassium carbonate, and antiseptic. **Liquid № 2** is a solution containing calcium and strontium salts.

When treated consequently with both liquids, dentine canals and dentine itself are covered with microcrystal layer of insoluble salts (3 µm thick): calcium and strontium phosphates and carbonates. During the process soluble salts of potassium get deep inside dental canals, reducing transfer of nervous impulse and reducing pain conductivity.

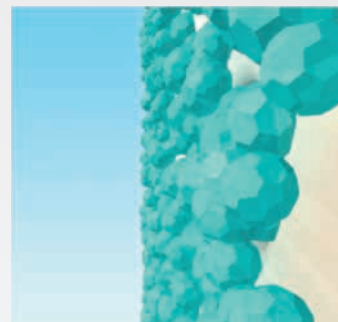
The liquids don't irritate mouth cavity tissues, don't change the teeth's color and don't cause allergy.



opened dentine canals



treatment with desensythiser



formation of isolating barrier

PACKAGING

code	form of production	volume
00002112	Liquid №1 Liquid №2	15 ml 15 ml





DESENSIL - ACTIVE

MATERIAL FOR RAPID REDUCTION TEETH HYPER SENSITIVITY.

PURPOSE

Allows to reduce quickly both existing tooth hypersensitivity and dentine hypersensitivity caused by dental procedures.

COMPOSITION AND MAJOR PROPERTIES

The material «Desensil-Active» includes: deionized water, sorbitol, silica, L-arginine, monofluorophosphate, antibacterial additive, humectant, food flavoring.

«Desensil-Active» reliably fills in the dentinal tubules, completely blocks pain, has fast effect and prolonged effect.

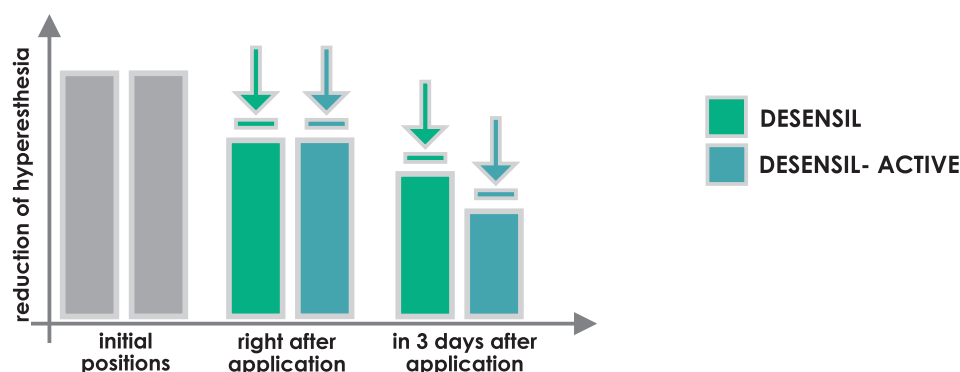
In addition, «Desensil-Active» has sparing polishing properties, does not change the texture of the surface of tooth enamel and dental restorative materials.

«Desensil-Active» can be used both before and after dental procedures, such as professional dental hygiene (ultrasonic cleaning), whitening, teeth preparation for the orthopedic treatment, dental and other therapeutic dentist manipulations.

By regular use at patients with hypersensitive dentine it creates a long-term barrier to protect from tooth sensitivity.



diagram of indicators of reduction of sensibility after application of materials



PACKAGING

code	form of production	volume
00000032611	Gel	10 ml





GLUFTORED

FOR DEEP FLUORIDATION OF ENAMEL AND DENTINE
(enamel-dentine hermetic liquid)

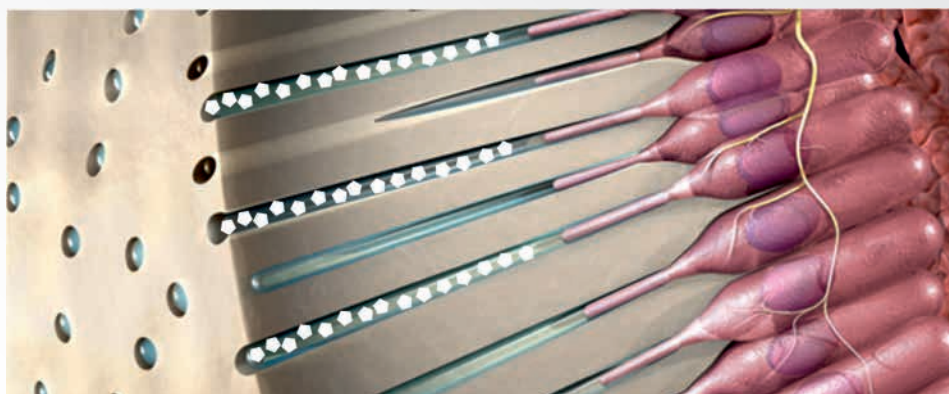
PURPOSE

Enamel and dentine deep fluoridation in case of:

- prophylaxis and treatment of the primary and secondary caries, caries at the stage of spot, and also caries prophylaxis before and after using of orthodontic constructions;
- fissures sealing (without enamel preparation) providing deep mineralization effect;
- treatment of hypersensitivity of the cervical portion of the tooth, reduction of dentine sensibility after preparation of tooth cavity and stump of a tooth, also for isolation of pulp of chemical influence of monomers and acids, which are a part of composite materials and other types of dental plombages;
- treatment of periodontitis.



Deep fluoridation – is formation of submicroscopic crystals of CaF_2 not at the surface, but actually in pores of loosened zone of enamel, dentine canals and in tooth cement.



crystals, having low size (50A), are in enamel pores (100A)

COMPOSITION AND MAJOR PROPERTIES

«Gluflored» dental set contains: **liquid** - the solution of blue color, containing ions of fluorine and copper, and **suspension** - fine calcium hydroxide in distilled water with adding of stabilizer.

In the result of sequential treatment with liquid and suspension, there emerges hermetization of microcracks of enamel, dentine canals and cement. The formed substance represents high-molecular polymer of silicic acid with submicroscopic crystals of calcium fluoride, fluoride magnesium and copper fluoride - II. It is alkaline in its nature and exclusively thick, which provides effective protection of dentine and pulp from effect of acids and monomers, which are contained in composite materials.

In difference from ordinary fluoridating, during deep fluoridating the microcrystals of fluoridated calcium, by the size of less than 1 micron, are formed actually in dentine canals and pores of the damaged enamel, which provides effective, durable, acting protection of caries.

Submicroscopic crystals of calcium fluoride are constant source of fluorine-ions, providing durable remineralization and effective hermetization of hard tissues. Copper compounds guarantee effective protection of tooth hard tissues from caries-genous microorganisms.

Deep fluoridation doesn't reduce adhesion and retention of filling and restorative materials.

PACKAGING

code	form of production	volume
00001726	Liquid Suspension	10 ml 10 ml





BELAGEL- F

FLUORINATING GEL

PURPOSE

Prophylaxis of caries; by teeth hyperesthesia; **wedge-shaped defects**; traumatic damages and non-caries damages of teeth enamel.

COMPOSITION AND MAJOR PROPERTIES

«Belagel»-F gel is based on natural polisaccharide and prevents teeth from caries. It features high penetration of fluorine ions (F-) into tooth tissues providing mineralization of hard tissues and reproduction of tooth enamel.

PACKAGING

code	form of production	volume
00000014	Gel	5 ml



BELSOL №1

LIQUID FOR TREATMENT OF ORAL mucosa

PURPOSE

- **liquid-Concentrate №1** – for hygienic and prophylactic mouthwash of a patient before dentist's visit, and also before taking dental impressions;
- **liquid-Concentrate №1-F with fluoride** – preventing teeth caries and gum diseases;

COMPOSITION AND MAJOR PROPERTIES

Liquid-concentrate №1 – contains aluminum chloride, which possess slightly astringency property, which promotes reduce of gums' bleeding, purification of oral cavity of mucus and food wastes, reduces salivation, and also has microbostatic and microbicidal effect at bacteria in oral cavity.

Liquid-Concentrate №1-F with fluoride – contains 1.5% of sodium fluoride, water, hypoallergenic food colorings, flavors, and sweeteners.

Neutral solution (pH=7), containing 0.2% of sodium fluoride, is obtained of concentrate by dilution by distilled water.

PACKAGING

code	form of production	volume
00002189	Liquid-concentrate	125 ml
00018842	Liquid-concentrate (with fluoride)	125 ml
00025093	Liquid-concentrate (with fluoride)	118 ml
	Quadrovessel	1,4 L
	Disposable cup	0,2 L





BELAK- F

FLUORIDATING VARNISH

PURPOSE

Caries prophylaxis in pediatric dentistry as well as for treatment of teeth hyperesthesia, wedge-shaped defect, damageous enamel defects and other non-carious lesions.

Dental material «Belak-F» is produced in forms:

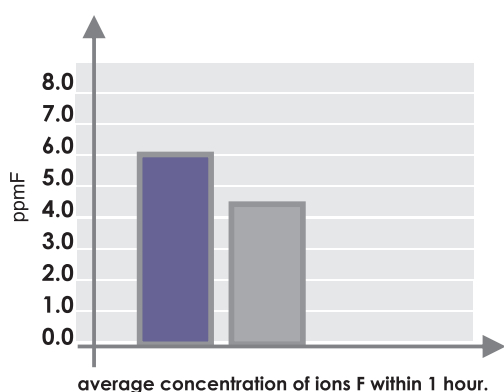
- «Belak-F»-white
- «Belak-F»-transparent



MAJOR PROPERTIES

«Belak-F» white – comprises solvent, film-formator, fluoric potassium. Fluorine ions, which are contained in preparation, strengthen tooth enamel, lower its penetrability and prevent teeth from caries development.

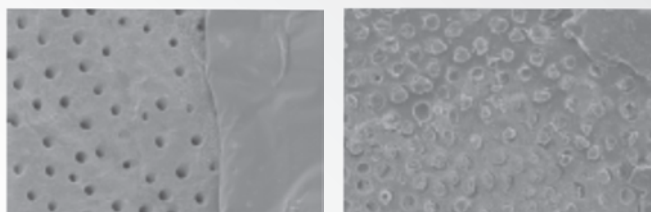
«Belak-F» transparent – comprises natural film-former, compound of fluorine of new generation (aminofluorides), anti-septic component and solvent. Fluorine ions, contained in preparation, strengthen teeth enamel, reduce its penetrability, and prevent teeth from caries development.



- «Belak-F» transparent
- «Belak-F» white

Tooth surface (electronic-ion scanning microscope Quanta 200 3D)

«Belak-F» gets into canals and fills them in.



PACKAGING

code	form of production	volume
00000010	Varnish (white)	25 ml
00015719	Varnish (transparent)	25 ml





NANOFLUOR

FLUORIDIZING VARNISH ON THE BASIS OF NATURAL RESINS AND NANODISPERSIBLE HYDROXYAPPATITE

for deep fluoridation and accelerated remineralization

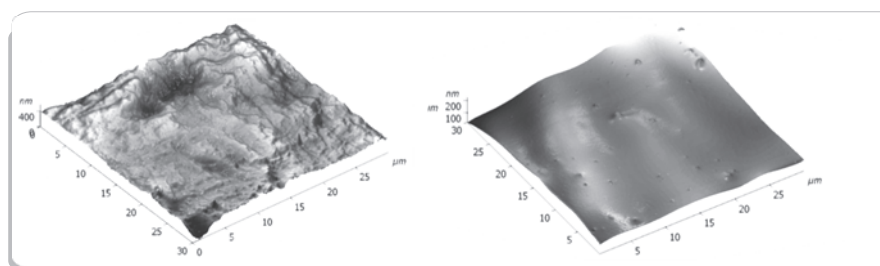
PURPOSE

- for prophylaxis and treatment of primary and secondary caries, caries in the stage of spot, caries of root, and also at treatment of wedge-shaped defects;
- after removal of dental deposits at the professional hygienic teeth brushing;
- after removal of the bracket-systems and polishing of teeth enamel and fillings;
- after curettage of parodontal pockets for protection of cervical part of tooth at cervical hyperesthesia;
- at treatment of hyperesthesia of teeth after application of technique of etching (restoration by composite materials, sealing of fissures, setting of bracket-systems).
- at abrasive enamel damage and dentine as a result of the wrong cleaning of teeth or at injuring of teeth;
- at treatment of contact surfaces of neighbouring teeth with unremovable orthopedic constructions;
- at treatment and prophylaxis of caries of children and teenagers: preservation of deciduous teeth to appearance of permanent ones, sealing of fissures in the stage of their ripening, at the pigmented deep fissures of permanent teeth;
- before filling for the isolation of deep cavities of tooth.

COMPOSITION AND MAJOR PROPERTIES

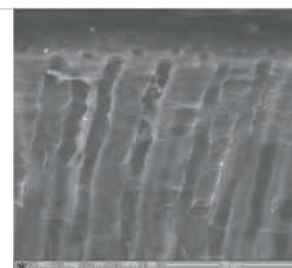
Varnish «Nanofluor» contains:

- amino-fluoride and fluoride of sodium, increasing resistance of dental enamel to influence of acids, that warns development of caries. Organic compound of fluoride aminofluorides possess heightened fluoridine activity with long therapeutic activity. Optimal quantity of fluoridine components, which provide instantaneous isolation of teeth from the different sort of irritants.
- natural resin possessing antiseptic and bactericidal properties, able to form thin durable tape not influencing on adhesion of restorations materials to dentine;
- nanodispersible colloid hydroxyappatite, favorable to renewal of mineral structure of enamel of tooth, remineralization of dentine of deep carious cavity and normalization of the functional state of pulp of tooth.

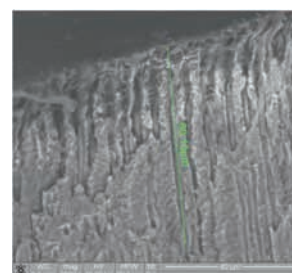


Scan of surface of grinding tooth, performed at atomic-power microscope NTEGRA AURA

Scan of surface of grinding tooth, which was prematurely polished with «Nanofluor» varnish, performed at atomic-power microscope NTEGRA AURA



opened dentinal tubules



cross-chipped dentine, surface of which has preliminary been processed with «Nanofluor» varnish

electronic-ion scanning microscope Quanta 200 3D

PACKAGING

code	form of production	volume
00007472	Varnish Solvent	5 ml 5 ml





ARGENATE

LIQUIDS FOR SILVERING AND FLUORIDATION

PURPOSE

«Argenate» **one-component**:

- is used at initial forms of development of caries processes (especially caries of baby teeth);
- reduce of teeth sensitivity;
- prevention of development of secondary dental caries after restoration works;
- for silvering of root teeth canals.

Two-component «Argenate» – silvering:

- infected and impenetrable canals
- caries baby teeth
- the teeth sick with precervical dental caries.



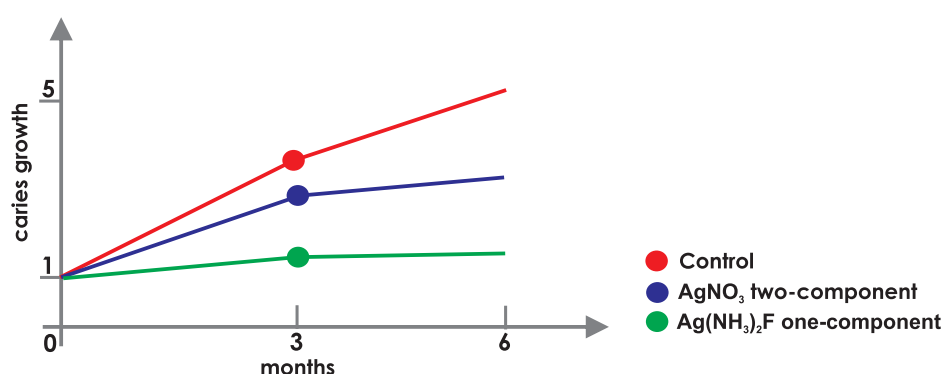
COMPOSITION AND MAJOR PROPERTIES

One-component «Argenate» is produced in the form of colorless, transparent liquid, which contains complex salt fluoride of diamminsilver (I). The effect of the material is based on transformation of ions of calcium and orthophosphate-ions of hydroxyapatite into fluoride calcium and orthophosphate silver, which coagulate proteins of organic component of dentine, by blocking penetrating cavities of tooth hard tissues, which leads to strengthening of structure of tooth hard tissues. Clinical effectiveness of single-component «Argenate» is several times higher, that of preparations on the basis of silver nitrate.

«Argenate» single-component doesn't have irritant effect at dental pulp, as far as there forms fluoride calcium at dentine surface, which narrows dentine cavities, therefore making it harder for silver ions to penetrate. Bactericidal effect of the material has prolonged character, providing inhibitory effect at ferments, and destroying mineral substances of baby teeth.

Two-component «Argenate» for teeth hard tissues silvering includes: liquid №1, containing silver in ionic form, liquid №2 with silver regenerator, vaseline oil for isolation of mucous surface at silvering of baby teeth and the cervical portion of the tooth.

Silvering method comprises penetration of silver ions into macro- and microcanals of tooth hard tissues, then silver is restored and deposited in dentine canals in the form of densely situated seeds, which fill the space of cavities almost completely. Bactericidal effect of the material has prolonged character, provides inhibitory effect at ferments, which destroy mineral substances of baby teeth.



PACKAGING

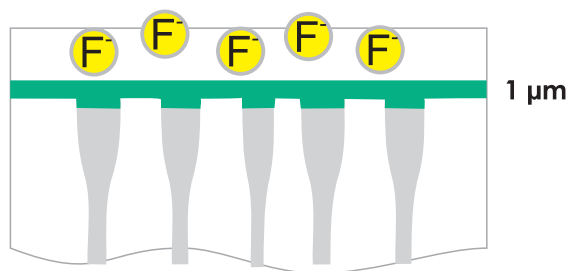
code	form of production	volume
00001575	Liquid	5 ml
00000001	Liquid №1	4 ml
	Liquid №2	3 ml
	Vaseline oil	5 ml



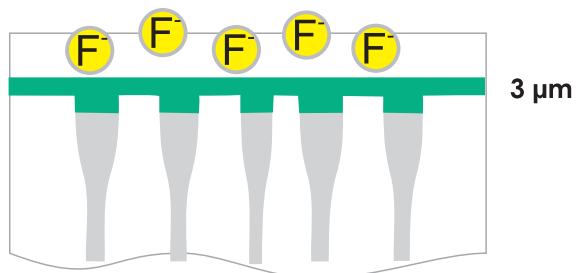
REMINERALIZATION, FLUORIDATION AND SILVERING MATERIALS

DEPTH OF PENETRATION OF IONS IN DENTINE CANALS

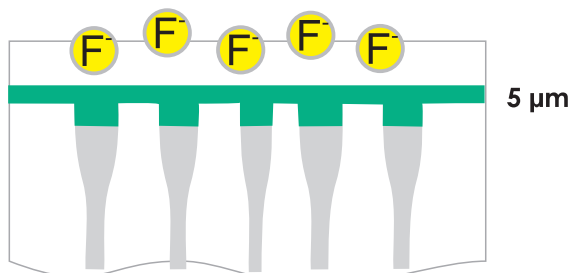
BELAGEL-F



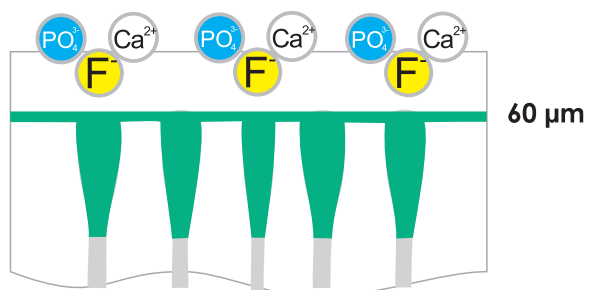
BELSOL-F



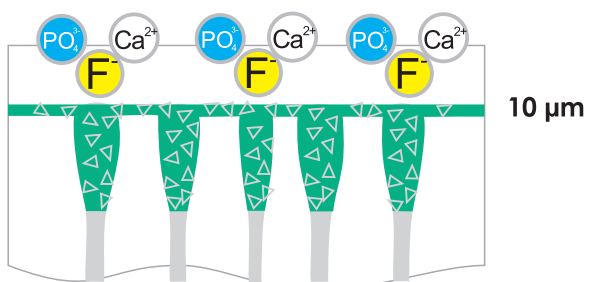
BELAK-F



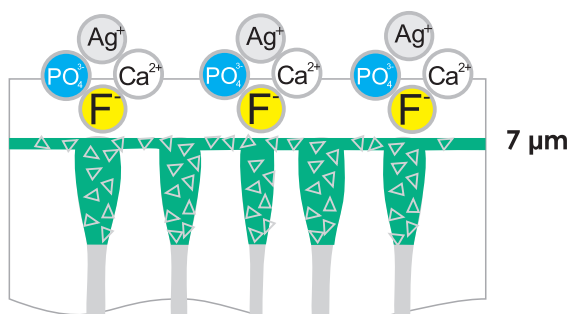
NANOFLUOR



GLUFTORED



ARGENATE





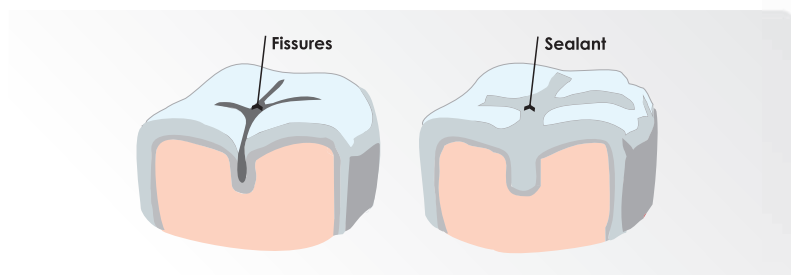
FISSURE SEALANTS

FISSULIGHT

LIGHT-CURED MATERIAL FOR FISSURES HERMETIZATION

PURPOSE

Sealing fissures and other anatomic cavities in intact teeth.



COMPOSITION AND MAJOR PROPERTIES

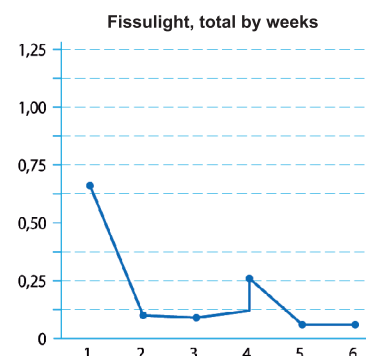
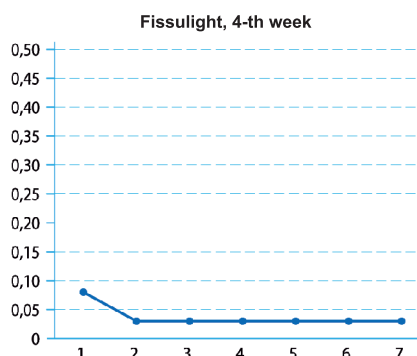
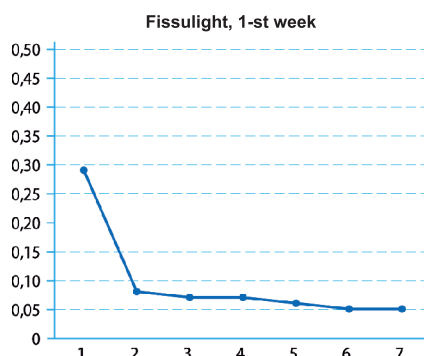
«Fissulight» hermetic is light-cured 1-component composite material of low viscosity, abrasion resistant. It contains fluoridating components, which provide caries-protecting effect.

«Fissulight» light-cured hermetic is produced in the form of paste (white, transparent and colored with flickering effect). Colored hermetics are convenient in applying and control during sealing and subsequent examinations.

Bright color range (6 colors) will assist to gain trust of a little patient, by giving a chance to participate in the process of cure in choice of color of hermetic.

Food coloring ingredients which are a part of hermetic correspond to norms of international standards and don't wash out from cured material. Light-cured hermetic allows to save time. Syringes with cappings for direct use allow to easily and precisely put hermetic at dissected fissure.

Dynamics of fluoride release (mcg-cm²)



PACKAGING

code	form of production	volume
00008918	Paste	white
00010401		gold
00010043		orange
00010042		red
00010040		green
00010045		blue
00010044		transparent
00000127	white	1 ml
	transparent	1 ml
	Gel for enamel etching on organic base	1 ml

code	form of production	volume
00008917	set of 7 colors	
	transparent	1 ml
	white	1 ml
	gold	1 ml
	orange	1 ml
	red	1 ml
	green	1 ml
	blue	1 ml
	Gel for enamel etching on organic base	3 ml



FISSHIM

SEALANT FOR FISSURES OF CHEMICAL CURING

PURPOSE

Sealing fissures and other anatomical recesses of intact teeth and isolation of tooth parts, vulnerable for caries from bacterial environment of mouth cavity.



opened fissure



sealed fissure

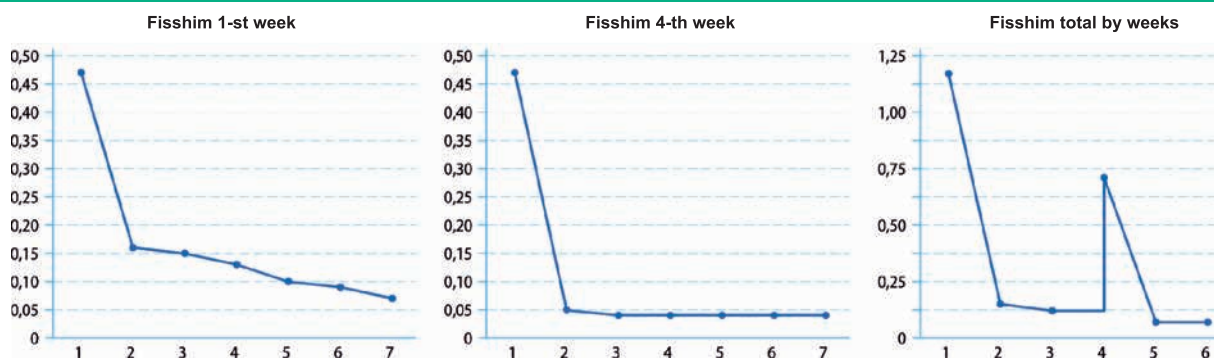


COMPOSITION AND MAJOR PROPERTIES

«Fisshim» chemically-cured hermetic is a composite based on organic bonding agent Bis-GMA, HEMA and silanized fine quartz filler.

«Fisshim» hermetic comprises two pastes: catalytic dough and basic dough. The composite also contains fluorine components protecting teeth from caries.

Dynamics of fluoride release (mcg-cm²)



PACKAGING

code	form of production	volume
00001566	Paste basic white Paste catalytic Gel for enamel etching	3 ml 3 ml 5 ml
00025846	Paste basic yellow Paste catalytic Gel for enamel etching	3 ml 3 ml 5 ml
00025847	Paste basic green Paste catalytic Gel for enamel etching	3 ml 3 ml 5 ml
00025848	Paste basic blue Paste catalytic Gel for enamel etching	3 ml 3 ml 5 ml
00025849	Paste basic red Paste catalytic Gel for enamel etching	3 ml 3 ml 5 ml

code	form of production	volume
00022950	set Paste basic: yellow green blue red Paste catalytic Gel for enamel etching	3 ml 3 ml 3 ml 3 ml 4 pcs x 3 ml 5 ml



COLORDENT[®]

For professional use and funny pranks

VARNISH FOR DECORATIVE COLORING OF TOOTH HARD TISSUES

PURPOSE

Coloring of enamel in white with glossy or pearly luster, as well as for decorative coloring of teeth in different colors (yellow, blue, black, etc.).

COMPOSITION AND MAJOR PROPERTIES

Varnish «ColorDent» includes: natural film-former, capable of forming a thin solid film, which possess antiseptic and antibacterial properties; solvent; thickener; shading pastes based on titanium dioxide or pigments of different color, as well as remineralizing additive (hydroxyapatite), promoted to the restoration of mineral structure tooth.

Varnish «ColorDent» is safe by using, does not damage the oral mucosa, can be easily removed with a toothbrush.



DIRECTION FOR USE

- Before use, shake the bottle well
- Put retractor into mouth cavity
- Clean and dry the tooth surface with gauze ball or disc
- Put away a cap from brush and turn the lower part of a handle clockwise until some amount of varnish will appear on the brush (at first use you'll need to do some revs till varnish will appear)
- Apply a thin layer of varnish on the tooth surface in the direction from gingiva to the cutting edge
- Wait for 1,5-2,5 minutes (without closing the mouth)
- If necessary, apply varnish again (after drying the first layer)



PACKAGING

code	form of production	volume
00018780	Varnish 12 pieces	6 ml

article	form of production	volume
00018709	White enamel tint №1 (flask)	6 ml
00000037181	Varnish (flash, brush, retractor)	6 ml
00018710	White enamel tint №2 (flask)	6 ml
00000037182	Varnish (flash, brush, retractor)	6 ml
00022838	Varnish Emerald sparks	6 ml
00022839	Varnish Emerald sparks	6 ml
00022840	Varnish Silver sparks	6 ml
00022841	Varnish Golden sparks	6 ml
00022842	Varnish Black	6 ml
00022844	Varnish Lilac	6 ml
00022845	Varnish Rosy	6 ml
00022846	Varnish Yellow	6 ml
00022847	Varnish Red	6 ml
00022848	Varnish Blue	6 ml
00022848	Varnish Green	6 ml

COLORDENT® - LC

for clinical use

LIGHT-CURING MATERIAL FOR DECORATIVE COLORING OF TOOTH HARD TISSUES

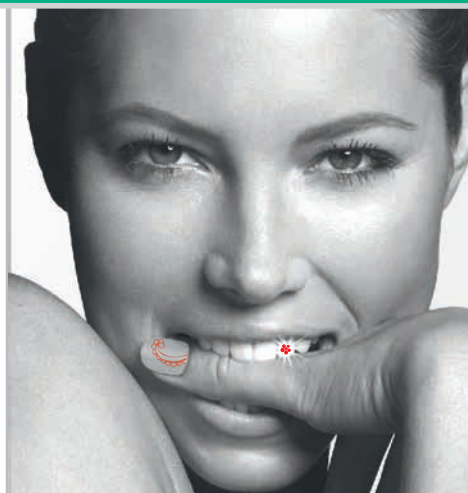
PURPOSE

Decorative coloring of teeth in different colors.

COMPOSITION AND MAJOR PROPERTIES

«ColorDent»-LC is light-cured one-component composite material of low viscosity, abrasion-resistant, contents fluorinating components which provide carious-protecting effect.

Material «ColorDent»-LC is produced in the form of paste (white, transparent and colored (5 colors) with flickering effect). Food coloring materials which are contained in the material correspond to norms of international standards.



PACKAGING

code	form of production	volume
00018844	Paste 7 pieces	1 ml
	Gel for enamel etching	3 ml

code	form of production	volume
00025807	Transparent paste	1 ml
00025840	White paste	1 ml
00025841	Red paste	1 ml
00025842	Orange paste	1 ml
00025843	Yellow paste	1 ml
00025844	Blue paste	1 ml
00025845	Green paste	1 ml

«Trade House «VladMiVa»
118, Sadovaya Str.
Belgorod, 308023, Russia
tel./fax +7(4722) 200-555

market@vladmiva.ru



OUR BRANCHES:

1-Krasnaya Str., Ljubertsy
140000, Moscow Region
tel./fax +7(495) 565-42-43, 565-42-44
ddvladmiva@gmail.com

101, Working Str.,
Voronezh, 394049, Russia
tel./fax +7(4732) 392-777, 392-780
voronezh@vladmiva.ru

27, Botanic Str., Orel, 302001, Russia
tel./fax +7(4862) 72-54-60, 72-54-61
orel@tdvladmiva.ru

21, 1-Pushkarnaya Str., Kursk, 305004, Russia
tel./fax +7(4712) 227-446, 227-445
kursk@tdvladmiva.ru

6a, Olminsky Str., Stary Oskol, 309530, Russia
tel./fax +7 (4725) 39-05-03, 33-39-33
oskol@tdvladmiva.ru

55a, St. Dimitrov Str., Bryansk, 241033, Russia
tel./fax +7(4832) 595-446
bryansk@tdvladmiva.ru

46, Demonstration Str., Tula, 300034, Russia
tel./fax +7(4872) 70-13-20
tula@tdvladmiva.ru