

**JenDental**  
UKRAINE

**JEN-FAVORITE LC**

**NEW**

**JEN-FAVORITE LC**  
NANO-HYBRID LIGHT CURING  
UNIVERSAL RESTORATIVE

Syringe 4g

**NANO HYBRID**

**A2-D**

✓ Excellent  
polishability

✓ Excellent aesthetic  
properties

✓ Improved  
manual qualities

✓ Outstanding mechanical  
and physical characteristics

**UNIVERSAL NANO-HYBRID  
HIGHLY AESTHETIC COMPOSITE**



[www.jendental-ukraine.com](http://www.jendental-ukraine.com)

**RATIO PARFAIT**  
**BEST PRICE  
QUALITY  
RATIO**  
**QUALITÉ-PRIX**

**JEN-FAVORITE LC –**

**NEWEST NANO-HYBRID COMPOSITE  
RESTORATIVE MATERIAL OF HIGH AESTHETICS**

#### ADVANTAGES

- ✓ Jen-Favorite LC is a combination of well-selected transparent, translucent and opaque materials that guarantees excellent aesthetics of the restorations.
- ✓ Jen-Favorite LC allows to successfully carry out restorations both on anterior and posterior teeth.
- ✓ The fluorescence spectrum of the material is close to that of protein of natural teeth which allows to make restoration of the highest level taking into account all modern aesthetic requirements.
- ✓ The material has an outstanding chameleon effect which allows to disguise it well in the cavity.
- ✓ The material has excellent polishability providing restorations with natural aesthetics.
- ✓ Jen-Favorite LC has excellent manual qualities, the material is plastic and does not stick to a tool.
- ✓ High aesthetic and optical qualities of the material allow to make the restoration according to a classical technique and the technique of layer-by-layer application (the «stratification» method).



**MADE IN UKRAINE**  
**1 THE FIRST**  
**NANO-HYBRID  
COMPOSITE**

# Jen-Favorite LC

## UNIVERSAL NANO-HYBRID HIGHLY AESTHETIC COMPOSITE



Jen-Favorite LC is a multipurpose restoration composite with a unique TRIMODAL filler. Nano-hybrid formula provides Jen-Favorite LC with excellent aesthetic properties, perfect polishability and improved manual properties as well as outstanding mechanical and physical characteristics such as X-ray contrast, fracture strength, compressive strength and tensile strength.

✓ Outstanding mechanical and physical characteristics

✓ Excellent aesthetic properties

✓ Excellent polishability

✓ Improved manual qualities



### CLINICAL USE: RESTORATION WITH JEN-FAVORITE LC

#### DR. TATIANA LITVIN

Practicing dentist, professional consultant of the company «JenDental-Ukraine», private practice, Kiev.

*A patient came to the clinic with a complaint of the unsatisfactory condition of the restorations of anterior teeth of the upper jaw. After medical examination it was found out that the teeth 1.2; 1.1; 2.1; 2.2 had photopolymer fillings with changes in color, dislocation of marginal fit and secondary caries.*



**Pic. 1, 2.** Initial situation.

**Pic. 3, 4.** After removal of fillings out of teeth 1.2; 1.1 endodontic retreatment of these teeth was carried out.

**Pic. 5.** Before the beginning of the restoration impressions of both jaws were taken and a silicone mold was made.

**Pic. 6.** Then the etching of enamel for 30 seconds and of dentin (15 seconds) with orthophosphoric acid was carried out.

**Pic. 7.** Applying and rubbing of the adhesive onto the tooth surface. Light-curing.

**Pic. 8.** The first step in the restoration of the teeth was the creation of palatal surfaces according to a silicone mold, application of Jen-Favorite LC shade A1-E onto the silicone mold, fitting and adaptation of Jen-Favorite LC onto the palatal surface of the teeth with the help of the brush with modelling resin Jen-Radiance WA and its light-curing for 20 seconds on each tooth.

**Pic. 9.** After removal of the silicone mold light-curing of the palatal surfaces of these teeth was carried out during 20 seconds for each tooth.

**Pic. 10.** Then the approximate surfaces were restored with enamel shade of Jen-Favorite and the teeth were restored according to the stratification technique: selected shade +2,5. That is the original tooth color is A1, so the first opaque layer was a shade darker - A3,5-D. This layer was applied closer to the neck of the tooth. After that opaque shades A3-D, A2-D were applied on the tooth body. A1-D opaque was applied onto the areas closer to the cutting edge and onto mamelons. A1-D opaque was applied with constant condensation of the brush with Jen-Radiance WA for better adhesion of the layers.

**Pic. 11.** The final modeling of the vestibular surfaces of these teeth was carried out with Jen-Favorite LC A1-E and A2-E enamel shades with use of Jen-Radiance WA modeling resin.





## UNIVERSAL NANO-HYBRID HIGHLY AESTHETIC COMPOSITE

# Jen-Favorite LC

### INDICATIONS for USE:

High-aesthetic  
restoration of cavities  
of class I, II, III, IV  
and V

Making of inlays  
and onlays

Sandwich  
technology

Splinting

Stump  
modeling

### MAIN CHARACTERISTICS:

- **TRIMODAL NANO-HYBRID FILLER** consists of non-agglomerated nano-sized radiopaque glass, non-agglomerated nano-sized silicon oxide and clusters of agglomerated nano-sized glass and nano-sized silicon oxide in a special matrix of methacrylate resins, granulated and polymerized with use of a special technology.
- The content of inorganic filler in the material is about 75%.
- Jen-Favorite LC contains several types of UDMA resin and other methacrylate monomers and oligomers.

### CLINICAL USE: RESTORATION WITH JEN-FAVORITE LC



**Pic. 12.** After that the correction of occlusion in restorations, grinding with Jiffy Polishing and polishing by the brush Jiffy Goat Hair (Ultradent) with Diamond Polish (UD) polishing paste were carried out. The next step was - covering the restorations with Perma-Seal (UD) for improved gloss of restorations.

**Pic. 13.** The final view of restoration after grinding and polishing.

**Pic. 14.** The final view of restoration two weeks after all restoration procedures.

## IMPROVED MANUAL PROPERTIES:

When developing the material special attention was paid to the improvement of its manual qualities. Jen-Favorite LC is quite plastic and at the same time holds its shape well even when heated to the temperature of the human body. At the same time the material does not stick to the tool which allows to apply it easily and quickly and adapt it to the cavity.



## SHADES:



### Cutting edge ▼

#### I (Incisal)

#### Enamel shades ▼

A1-E; A2-E; A3-E; A3,5-E; B1-E; B2-E; C2-E

#### Shades of dentin (the body of the tooth) ▼

A1-D; A2-D; A3-D; A3,5-D; A4-D; B1-D; B2-D; C2-D

#### Opaque shades (for disguising the areas with strong discoloration) ▼

WOP (White Opaquer), UO (Universal Opaquer), LOP (Light Opaquer)

## METHOD OF USING:

The cavity is prepared according to the standard procedure. If the cavities are deep use a calcium hydroxide-based liner to protect the pulp, for example, Jen-Line LCF.

### Restorations of anterior teeth

It is recommended to use a matrix. Etch the enamel, including the bevels, for 15 seconds with the etching gel Phospho-Jen AS, rinse and dry. Apply the adhesive (we recommend Jen-Unibond) according to the instruction for the adhesive system, light cure. Put a layer of Jen-Favorite LC into the cavity, make the contour and light cure. If the cavity is deep several portions of the restoration material may be required. Treat the surface of the filling with burs. Treat the proximal surfaces with abrasive strips. After checking the occlusion make final grinding with finishing discs and rubber heads.

### Restorations of posterior teeth

For interproximal separation it is recommended to use a thin transparent matrix fixing it with wedges. Adapt the matrix for closing the gingival area avoiding the formation of protrusions. Before applying the restoration material use an adhesive material as described above. Before application of the first layer of restoration material we recommend to create a super-adaptive layer of a fluid composite, for example - Jen LC-Flow. Apply the first portion of Jen-Favorite LC to the proximal part of the cavity so that the layer of the material is no more than 1.5 mm. Using the stopper apply the material on the inner surfaces of the cavity to be filled and on the matrix. Light cure. Finish the filling with layer-by-layer application of the material - the thickness of each layer should not exceed 2.5 mm. Light cure each layer separately.

**Attention!** Opaque shades of Jen-Favorite LC should be applied in layers with a thickness of not more than 1 mm. For filling deep cavities in chewing teeth it is recommended to use Jen-Radiance Molar according to the instructions for use of this material.

### Light curing of Jen-Favorite LC:

Use a light-cure unit for the materials containing camphorquinone as an initiator, that is- with a spectral maximum of radiation about 465 nm.

The minimum power of the light-cure unit should be at least 550 mW/cm<sup>2</sup>, the curing time should be in the range of 20-30 seconds.

### Polymerization depth for different Jen-Favorite LC shades

(Typical LED Light Unit)

| Shades             | Polymerization Depth | Polymerization Time |
|--------------------|----------------------|---------------------|
| Transparent Shades | Less than 4.5 mm     | 20 – 30 sec         |
| Enamel Shades      | Less than 3 mm       | 20 – 30 sec         |
| Shades of Dentin   | Less than 2.5 mm     | 20 – 30 sec         |
| Opaque Shades      | Less than 1 mm       | 20 – 30 sec         |



JENDENTAL-UKRAINE – SCIENTIFIC SEARCH AND INTRODUCTION OF INNOVATIONS!

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