

Izumrud®

Caries-marker

Prescription

It is used in therapeutic dentistry as an indicator for detecting caries and demineralized dentin layer.

Composition and characteristics

Izumrud contains in his composition surface active carrier, activator, dye and filler.

Izumrud makes it easy to distinguish between caries and demineralized dentin layer by painting it in bright green outer layers of carious dentin. *Izumrud* does not stain normal healthy dentin and enamel. *Izumrud* connected to denatured collagen, contained in dentin caries and stain it for a short time, which allows removing only the outer portion of colored dentin without affecting uninfected area.

Mode of application

Reveal the decayed area of the corresponding boron. Purified and thoroughly wash by water processed area. Dry the treated area by air flow, since the excess moisture will prevent the effective dyeing process. Apply a drop of *Izumrud* from bottle-dropper on micro-brush, micro-applicator or cotton ball and applied to a caries

cavity for 10 seconds. Washed treated cavity by the water and then dried by air flow. Remove colored on green color dentin by corresponding boron or dental excavator.

When all the colored layer is removed, the procedure is repeated with fresh drop of *Izumrud*. After completing manipulation thoroughly washed and dried cavity. Then proceed to the further procedures.

Recommendation


After use the vial should be tightly close by the lid.

Conditions of storage and labeling

Condition of storage

Izumrud have to be stored in packing inside the warehouse and to be protected from precipitation and direct sun light, to be far minimum 1 m. from heaters.

Labeling

The  symbol on the package show expire date.

