



PAEDIATRIC DERMATOLOGY

VISIBLE INCOHERENT POLARIZED LIGHT IN COMBINATION THERAPY IN WARTS.

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Introduction: Warts are one of the most common skin diseases in children. Nowadays all the treatment methods consist of its various destruction methods (often painful) , and the fact that warts are prone to recurrence makes treatment challenging, especially in children.

Objective: This study is an analysis of the results of treatment of warts using visible incoherent polarized light therapy after cryodestruction or chemical destruction with the combination of nitric, acetic, oxalic, lactic acids and copper nitrate trihydrate.

Materials and methods: The study was carried out on the basis of Novosibirsk Dermatology Clinic. Under supervision were 21 patients from 3 to 15 years with a diagnosis of warts (vulgar, plantar and flat) who underwent cryodestruction or chemical destruction of warts followed by a course of visible incoherent polarized light therapy of 5 procedures 8-10 minutes each. The control group consisted of 10 patients with warts, who had undergone the only cryodestruction, and 8 patients, who had undergone the only chemical destruction.

Results : The study showed a more rapid regression of rashes in patients who received visible incoherent polarized light therapy after cryodestruction or chemical destruction compared with the corresponding control group. In 17 of 21 patients, there was no need for repeated destruction.

Conclusion: The use of light therapy after wart destruction can reduce the number of procedures, shorten the rehabilitation period after destruction. With flat warts, visible incoherent polarized light therapy can be used as a monotherapy.

