rhinolight

Clinically proven phototherapy of allergic rhinitis

Scientists at the University of Szeged developed the revolutionary Rhinolight® phototherapy in 2001. Since then, Rhinolight® phototherapy has given a better quality of life to tens of thousands of patients suffering from allergic rhinitis.

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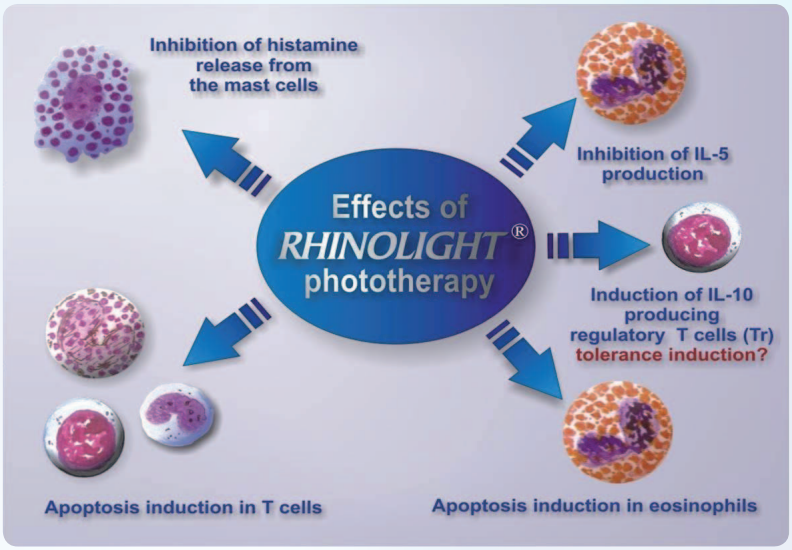
RHINOLIGHT® PHOTOTHERAPY
A BRAND NEW MEDICAL TREATMENT FOR ALLERGIC RHINITIS

- Rhinolight® is a high intensity light of a special composition. Exposing the nasal mucosa to this light reduces or even eliminates most symptoms of allergic rhinitis.
- This painless medical treatment takes only a few minutes. The quality of life of patients often improves after just one or two treatments due to the outstanding efficacy of Rhinolight®.
- The phototherapy may give a lasting effect in both seasonal and perennial allergic rhinitis.
- Rhinolight® can be used as monotherapy or combined with antihistamines and/or steroids.[4]
- Rhinolight® is the only phototherapy with a clinically justified effect for the treatment of allergic rhinitis.[1,2,4,5,6]

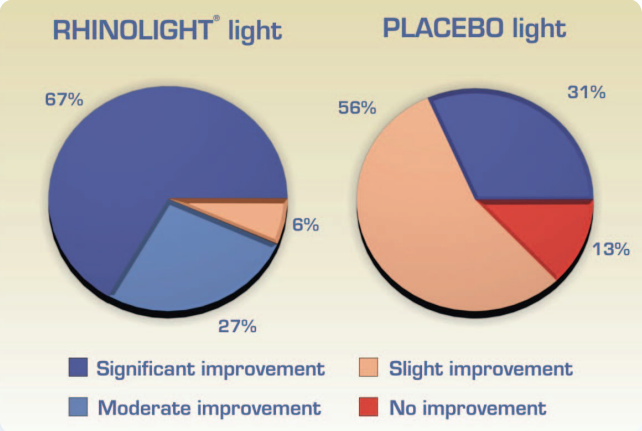
THE CLINICALLY TESTED EFFECTS OF THE PHOTOTHERAPY[1]



The treatment blocks both early and late phases of the allergic reaction

- Blocks histamine release from mast cells.
- Induces apoptosis of eosinophils and lymphocytes.
- Reduces the number of eosinophil cells.
- Reduces the quantity of ECP and IL-5 in nasal secretions.
- Inhibits the immediate type hypersensitivity reaction in skin. (Skin Prick Test, SPT).[3]

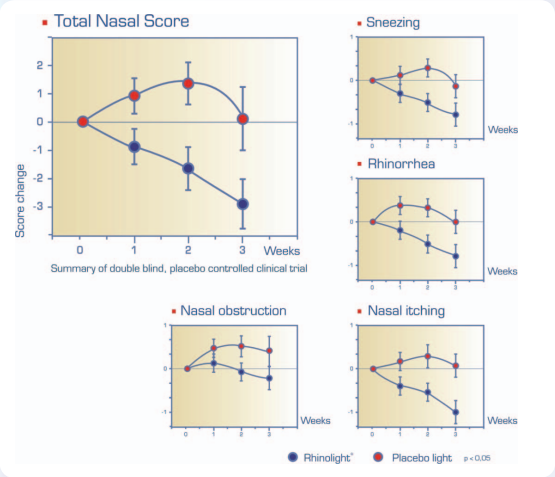
EFFECTIVENESS OF THE THERAPY ACCORDING TO PATIENTS INVOLVED IN CLINICAL TRIALS[1,4]



Double blind placebo controlled clinical trial[1]

- All patients treated by Rhinolight® reported that nasal symptoms (nasal itching, sneezing, rhinorrhea, nasal obstruction) were significantly reduced or even eliminated; whilst patients treated with a placebo light reported no improvement.
- Patients received no other form of treatment during Rhinolight® therapy. They suffered from allergic rhinitis resistant to medical treatment.
- The durability of Rhinolight® treatments proved to be longer than 3 months after the usual 6-treatment regimen.[4]

EFFECTS OF RHINOLIGHT® PHOTOTHERAPY ON THE CLINICAL SYMPTOMS OF ALLERGIC RHINITIS[1]



TREATMENT PROTOCOL

- Rhinolight® treatments take place within two successive weeks.
- Altogether 6 treatments are required.
- The first treatment takes 2 minutes and the maximum treatment time is 3 minutes for each nostril.
- The therapy can be repeated with the appearance of a new allergic reaction or at the onset of a new pollen season.
- In some cases dryness of the nasal mucosa occurs, this can be successfully treated with Vitamin A oil.
- Children under the age of 14 years should only be treated after considering the risk/benefit ratio.

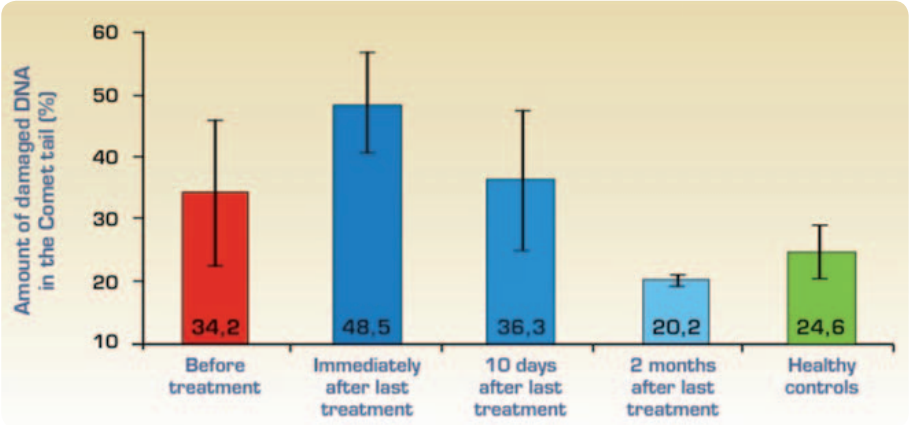
COMPARISON OF EFFICACY WITH DRUGS AND SAFETY DATA

- **The Rhinolight® treatment is also effective if compared with drugs, because...**

  According to the results of a comparative study, Rhinolight® phototherapy, applied twice a week for two weeks, was more effective than oral fexofenadine (180 mg) at reducing the clinical symptoms of allergic rhinitis.[5,6]

- **The Rhinolight® treatment is safe, because...**

  A Comet assay showed that levels of damaged DNA in the nasal mucosa had fallen to below the levels of healthy controls within two months of the last treatment.[7]



Determination of the extent of DNA damage caused by Rhinolight® treatments applying the Comet assay[7]

References:

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Certificates:

- Directive 93/42/EEC
- ISO 9001:2008
- ISO 13485:2003

CE 1011

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