

1 OUT OF 4
OF YOUR PATIENTS
IS ALLERGIC TO
DUST MITES⁽¹⁾

FREE
YOUR PATIENTS
FROM THEIR
DUST MITE ALLERGY

DUST MITE ALLERGY

4TH-MOST COMMON DISEASE WORLDWIDE

THE NUMBER OF PEOPLE SUFFERING⁽²⁾ FROM DUST MITE
ALLERGY IS CONSTANTLY INCREASING⁽³⁾.

The symptoms of dust mite allergy:

- **Eyes and nose: RHINOCONJUNCTIVITIS** (teary eyes, ocular pruritus, periorbital edema, conjunctivitis, nasal pruritus, serial sneezing, blocked nose, rhinorrhea)
- **Lungs: ASTHMA** (nocturnal coughing, chest pressure, wheezing, breathing difficulties)
- **Skin: DERMATITIS** (skin rash, redness)

The allergy has serious impacts on quality of life:

- Chronic fatigue and insomnia
- Concentration and attention disorders
- Problems at school or work
- Irritability and mood swings



THE RECOMMENDED APPROACH

- Strict **ELIMINATION** of the allergen is the most efficient approach. If symptoms continue to occur, use:
- corticosteroid **DRUGS**
- If that's not enough: **IMMUNOTHERAPY** (subcutaneous, sublingual, oral)
- and if that's still not enough: **MONOCLONAL ANTIBODIES** (anti-IgE and anti-eosinophil)

Epidemiology
of the allergy:



Limiting the patient's exposure
to dust mite allergens present in
their daily environment is strongly
recommended in all cases.

(1) Skin Prick Test n = 2 320 people from 3 to 86 years old - Ghent University, 2012. - (2) International Workshop Report. (1988) . Dust mite allergens and asthma: a worldwide problem. Bulletin of the World Health Organization, 66 (6) , 769 - 780. <https://apps.who.int/iris/handle/10665/264577> - (3) EAACI - A European Declaration on Immunotherapy - Combating allergy beyond symptoms. 2011 http://www.eaaci.org/documents/Backgrounder_World_Allergy_Week_FR.pdf

WHAT IS EXALLER®?

EXALLER® IS AN INNOVATIVE, NATURAL AND CLINICALLY PROVEN SOLUTION FOR THE ELIMINATION OF DUST MITES.

A UNIQUE APPROACH

ExAller® is a medical solution based on natural plant extracts: lemon balm and lemon grass.

The product imitates the natural pheromones used by dust mites to communicate and gather: aggregation pheromones.

With this approach, dust mites are captured in a piece of textile and eliminated later in the washing machine, ridding the home of the source of the allergens.

The solution doesn't contain any insecticides or chemical products.

The product is harmless to adults, children and pets.



LEMON BALM

Essential oil
extract



LEMON GRASS

Essential oil
extract

Every ExAller® application attracts at least **>80%** of the dust mites present in the treated location, which you can remove afterwards.

HOW DOES IT WORK?

SIMPLE AND EFFICIENT

STEP 1

Spray the ExAller® solution evenly onto a 100%-cotton textile and use it to cover the surface (e.g. a mattress or pillow). Let it rest for 1 to 2 hours.



STEP 2

Let it rest for 1 to 2 hours. During that period of time, the solution will release its aggregation pheromone mimic to lure the dust mites into the fibres of the textile.



STEP 3

Remove the piece of textile and wash it at 60°C in the washing machine.

To remove the allergens, it's recommended to vacuum the surface after the first three applications.



INFO

**ONE MATTRESS
CAN HOLD UP TO
2 MILLION
DUST MITES**



**TO ELIMINATE
EXISTING
DUST MITES:**

1x

per week
for the first
3 weeks

**TO PREVENT
FUTURE
OCCURENCE:**

1x

per
month

RECOMMENDED BY ALLERGISTS



« I have heard the word 'miracle' from patients five times so far. This is the first time anyone has ever thought of removing dust mites from the mattress instead of killing them with toxic products. »

Dr. X. Van der Brempt, pneumo-allergist

Allergology consultant at the Allergopôle of Clinique Saint-Luc Namur Member of various national and international scientific societies

Member of different national and international scientific organisations



« The rigorous eviction of the allergen represents the first essential step in the management of the allergy. The ExAller® process perfectly meets this objective and improves the quality of life of allergic people. For these reasons, I systematically recommend ExAller to my patients. »

Pr. E. Bodart, pneumo-allergist

Former president and member of the Bureau of Belgian Group for Paediatric Respiriology

Professor of Paediatrics at UNamur and UCL universities

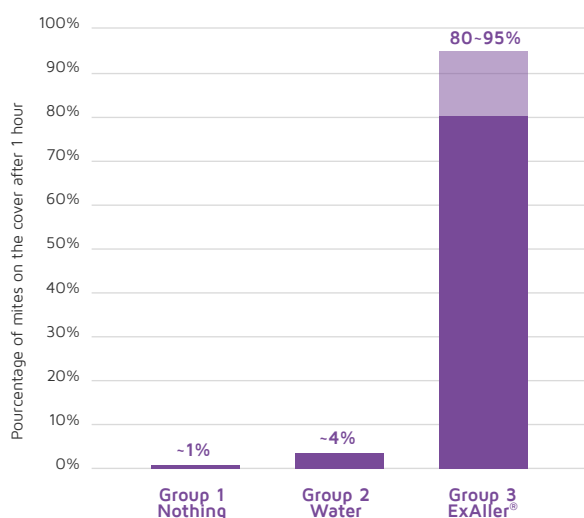
Medical coordinator of the paediatric association St Elisabeth Namur

44% of all ExAller® treatments are recommended by a health specialist.

PROVEN EFFICIENCY

From every ExAller®, production unit, a sample goes to an independent, recognised laboratory that tests the solution's power to attract dust mites (*Dermatophagoides pteronyssinus*).

PROTOCOL AND RESULTS



A series of infested mattresses are covered with standard cotton sheets and divided into 3 groups.

The mattresses in group 1 are not treated.

Water is sprayed onto the cotton sheets in group 2 (the humidity attracts dust mites).

ExAller® is sprayed onto the cotton sheets in group 3.

An hour later, the cotton sheets are removed from the mattresses. Using the Bischoff method (standard NF G 39011), the laboratory subsequently counts the number of dust mites that moved from the mattresses to the cotton sheets.

In group 1, about 1% of the dust mites moved.

In group 2, about 4% of the dust mites moved.

In group 3, at least 80% of the dust mites moved, with an average of almost 90%.

The tests are carried out by the TEC Laboratory (Biarritz, France) specialized in quality tests involving insects since 1986: www.teclaboratory.com.

CLINICALLY PROVEN

The clinical efficiency of ExAller® was proven by E. Jonniaux en A.C. Mailleux before the solution entered the market in 2013 by Queen Fabiola Children's University Hospital of Brussels.

PROTOCOL AND RESULTS

This study included 40 children with moderate or heavy dust mite allergy symptoms (RAST & skin test). **The symptoms declined significantly** from the second treatment of the patients' beds with ExAller®.

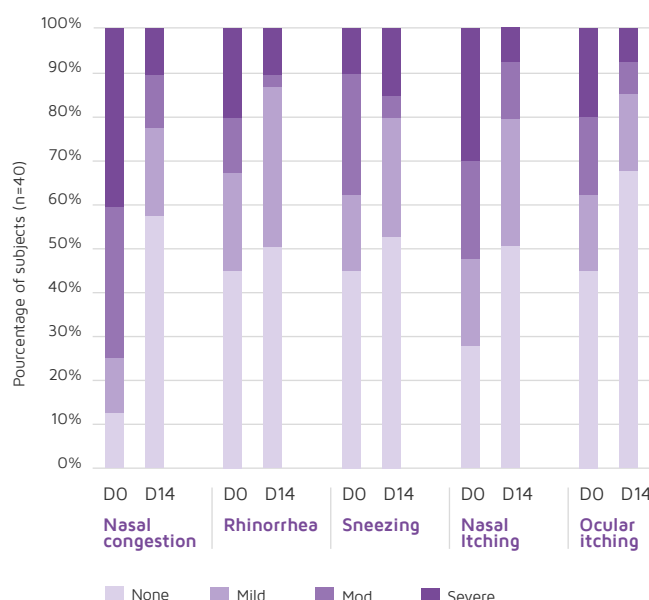
The original benchmark was determined during a medical examination on day 0, followed by the treatment of the patient's bed with ExAller®. One week later, on day 7, the patient's mattress was treated a second time with ExAller®. During that period, the patient was asked to fill out a daily questionnaire to follow up on the evolution of their symptoms.

After two weeks, on day 14, a final medical examination was carried out and the results were evaluated.

A significant decrease in symptoms was detected, as illustrated here.

This clinical study was published in the Journal of Allergy & Therapy (ISSN:2155-6121) 2014, vol. 5. <http://dx.doi.org/10.4172/2155-6121.1000191>

Apart from that, an independent laboratory carried out different safety tests, in conformity with the ISO 10993-5 standard, which exposed no risk of cell death, sensitive skin or skin irritation resulting from use of the product. The results confirm that ExAller® is an entirely safe anti-dust mite solution. Among thousands of users, none have reported allergic reactions to ExAller®. At this time, an independent, professional evaluation is being performed in Belgium to confirm these conclusions.



WHY RECOMMEND EXALLER® TO YOUR PATIENTS?

A large portion of people dust mite allergy sufferers don't know they have an allergy. They deal with the symptoms on a daily basis and feel the allergy's impacts on their quality of life in the form of fatigue, poor school or work performance, decreased productivity, mood swings, poor sports performance, etc.

Once the diagnosis is made, the first step recommended by allergists is to remove the dust mites from the patient's daily environment. ExAller® is the ideal solution because it handles the source of the allergens.



PROVEN EFFICIENCY

The efficiency of ExAller® is clinically and scientifically proven. Three treatments remove 99% of the dust mites from the infested surface, enough to alleviate most of the allergy symptoms.



NO SIDE EFFECTS

Tests prove that ExAller® users experience no cytotoxicity, skin sensitisation or skin irritation. Since the go-to-market in 2014, no side effects have been reported. Although ExAller® contains essential oils, there's no risk of other allergic reactions.



EASY TO USE

The ExAller® treatment only takes a few minutes per month. You only have to spray the liquid and let the sheet rest for one hour between the moment you put the sheet on the mattress and the moment you put it in the washing machine. Afterwards, the only thing you have to do is remove the sheet, in which more than 80% of the dust mites in the treated area have been captured, and put in the washing machine at 60°C.



VERSATILITY

ExAller® distinguishes itself with its great versatility. The solution is suitable for mattresses and pillows, but also for other objects that can contain dust mites, such as armchairs, stuffed animals and any surfaces that can be covered with a sheet. Thanks to the convenient size, you can easily travel with the bottle, for example, to treat the beds you sleep in during holidays and remove 80% of the dust mites from them.



RECOMMENDED BY ALLERGISTS

In 44% of cases, ExAller® was sold on the direct recommendation of a health specialist. Thanks to the treatment, patients' use of drugs to relieve their allergy symptoms significantly decreases.



NATURAL AND HARMLESS

ExAller® is made from natural, plant-based ingredients, diluted with water. The solution contains no insecticides or chemical products. Since the goal is to attract dust mites and not to kill them, no toxic components are used.



AFFORDABLE PRICE

A 300-ml bottle of ExAller® costs €49.95 (VAT incl.) and can be used for 16 treatments of a 90 x 200 mattress. In the maintenance phase, only 1 treatment a month is enough. That means ExAller® only costs you €3.12 a month per mattress, or €0.10 a day.



ECO-FRIENDLY AND INCLUSIVE

ExAller® is made from natural ingredients and packed in a recyclable HDPE bottle. The storage, assembly and logistics are handled by Travie (Travail et Vie), an organisation that employs disabled individuals. More info at <https://travie.be>.



AVAILABLE AT YOUR PHARMACY

ExAller® is available as a treatment for dust mite allergy at pharmacies and drugstores.