

# STÉRIMAR™ BREATHE EASY BABY

Nasal spray for daily baby nasal hygiene



- Clinically proven to:
  - Cleanse and eliminate impurities
  - Hydrate and restore the natural moisture of the nasal mucosa
  - Reduce the risk of ENT disorders by washing out nasal cavities
  - Improve breathing to facilitate sleep and feeding
- Free from steroids, drugs, or preservatives
- Patented safety nozzle
- Gentle spray

**Babies** From Birth Use 2 to 6 times a day

50 ml

## STÉRIMAR<sup>™</sup>BREATHE EASY BABY

Nasal Hygiene is important for babies' health and comfort. Easy breathing allows babies to have a more serene sleep and easier bottle or breast feeding. Moreover, nasal hygiene helps provide protection against

airborne contaminants, including pathogens and allergens.

#### Stérimar<sup>™</sup> Breathe Easy Baby:



Contains 100% natural seawater from France's Brittany coast, rich in trace elements and marine minerals



Clinically proven to cleanse and eliminate impurities and prevent ENT disorders



Specially formulated solution with the same salt concentration as cells in the human body to maintain the natural homeostasis in the nose at the cellular level

40

30

20



NO steroids, drugs, or preservatives; NO known side effects can be used with medicated products

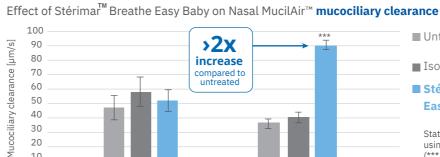


Ergonomic patented safety nozzle and anti-reflux valve allows stable handling by parents while product remains 100% preserved

#### IN VITRO TESTING: BOOSTED MUCOCILIARY CLEARANCE AND WOUND REPAIR ACTION

Treatment with Stérimar™ Breathe Easy Baby mucociliary clearance rates (more than twice) at day 4 in the 3D reconstituted human nasal epithelium model. The mucociliary clearance rates are even higher than the positive control, isoproterenol.

Stérima<sup>™</sup>Breathe Easy Baby accelerates wound repair in the 3D-reconstituted human nasal epithelium. The closure starts as early as 6h and is almost completed at 22h (90.5% wound closure).



■ Untreated culture

■ Isoproterenol

■ Saline solution

**Easy Baby** 

Stérimar<sup>™</sup> Breathe

Proven

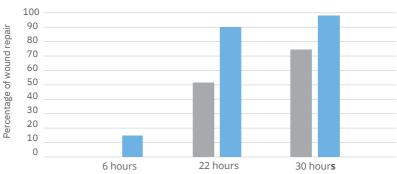
**■** Stérimar<sup>™</sup> Breathe **Easy Baby** 

> Statistical significance using Student's test (\*\*\* P<0.001) compared to untreated cultures.

Effect of Stérimar<sup>™</sup> Breathe Easy Baby on Nasal MucilAir<sup>™</sup> **wound repair** 

Day 4

Day 1



References: 1. De Servi, B. et al. (2018) Is a diluted isotonic seawater based solution safe and active in promoting mucociliary clearance and wound repair on human nasal epithelium? Poster presented at the ERS2018 Congress, April 2018, London

#### Stérimar™Product Portfolio







# STÉRIMAR BREATHE EASY DAILY

Nasal spray for daily nasal hygiene







Rich in trace elements and marine mineral sal

FREE FROM

Steroids | Drugs | Preservatives



- Clinically proven to:
  - Cleanse and eliminate impurities
  - Hydrate and restore the natural moisture of the nasal mucosa
  - Help prevent ENT disorders by strengthening the nasal lining's defences
  - Improve breathing to enhance quality of sleep
- Free from steroids, drugs, or preservatives

Children & Adults
3yrs+

Use 2 to 6 times a day

50 ml & 100 ml

## STÉRIMAR™BREATHE EASY DAILY

Nasal hygiene is important to overall nasal health and provides protection against airborne contaminants including pathogens and allergens. Stérimar™ Breathe Easy Daily significantly increases patients' defences against the causes of nasal congestion.

#### Stérima<sup>™</sup> Breathe Easy Daily:



Contains 100% natural seawater from France's Brittany coast, rich in trace elements and marine minerals



Clinically proven to cleanse and eliminate impurities and prevent ENT disorders



Specially formulated solution with the same salt concentration as cells in the human body to maintain the natural homeostasis in the nose at the cellular level



NO steroids, drugs, or preservatives; NO known side effects can be used with medicated products



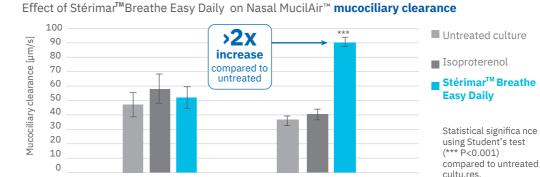
Aseptically packaged; Anti-reflux valve means product remains 100% preserved



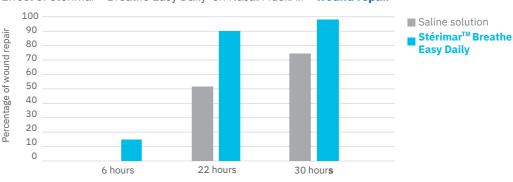
#### IN VITRO TESTING: BOOSTED MUCOCILIARY CLEARANCE AND WOUND REPAIR ACTION1

Treatment with Stérimar™ Breathe Easy Daily Nose significantly increases mucociliary clearance rates in a 3D-reconstituted human nasal epithelium model. The mucociliary clearance rates are even higher than the positive control, isoproterenol.

Stérimar<sup>™</sup> Breathe Easy Daily allowed an almost 100% re-epithelisation of wounded tissues after 30 hours of treatment as evaluated in a 3D-reconstituted nasal epithelium.



Day 1 Effect of Stérimar<sup>™</sup> Breathe Easy Daily on Nasal MucilAir<sup>™</sup> wound repair



Day 4

References: 1. Effects of formulations on human nasal epithelium (MucilAir\*\*) Study, February 2016, EP161001A 2. Wound healing on nasal epithelium Mucilair. Study VR 36-16, June 2016

#### Stérimar<sup>™</sup> Product Portfolio









## STÉRIMAR COLD & SINUSITIS RELIEF

Nasal spray for colds and acute or chronic sinusitis





- Clinically proven to:
  - Rapidly decongests the nose in less than 2 minutes\*\*
  - Liquefy and clear even thick mucus
  - Fight cold symptoms
  - Forms a moisturising protective and invisible film on the nasal cavity
- Free from steroids, drugs, or preservatives

\*\*63% of patients reported that they felt decongestion in less than 1 minute as evaluated for the first 7 days of treatment

Adults & Children 6yrs+

Not recommended for pregnant or breastfeeding women

Use up to 6 times a day until decongested

**20 ml** 

## STÉRIMAR<sup>™</sup>COLD & SINUSITIS RELIEF

Sinusitis is one of the most common respiratory ailments during winter and can prevent nasal passages from working effectively. Stérimar™ Cold & Sinusitis Relief decongests the nose in less than 2 minutes\*\*, soothes and relieves patients' symptoms.

#### Stérimar™Cold & Sinusitis Relief:



Contains 100% natural seawater from France's Brittany coast, enriched with copper, a natural sea-water trace element



Clinically proven to decongest the nose in less than 2 minutes\*\*, to relieve cold symptoms



Specially formulated solution with a higher salt concentration than that of the human body's cells to decongest



The solution is enriched with Eucalyptus Globulus essential oil to facilitate easier breathing and contains a complex based on sodium hyaluronate



NO steroids, drugs, or preservatives; Can be used with medicated products



In a clinical study, \*63% of

decongestion in less than 1

days of use. Randomized, double blind clinical

investigation, 102 patients

Relief up to

filled in everyday

with common cold, 51 using Stérimar TM Cold and Sinusitis

6 times a day, patient logbook

patients reported that they felt

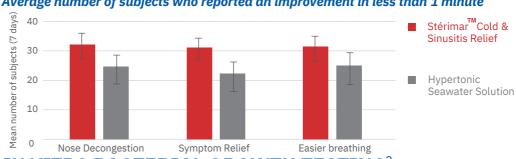
min as evaluated for the first 7

Aseptically packaged; Anti-contamination valve means product remains 100% preserved

# Clinically Proven

### **IMPROVEMENT IN LESS THAN 1 MINUTE** 1

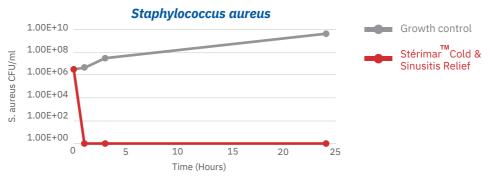
Average number of subjects who reported an improvement in less than 1 minute



### IN VITRO BACTERIAL GROWTH TESTING<sup>2</sup>

Monitoring was carried out on a 24hour basis at 1, 2, and 21-hour intervals. TCS (tryptone-caseinsoya) broth without addition of Stérimar Cold and Sinusitis Relief was used as growth control.

► The growth of Staphylococcus aureus is inhibited as soon as 1h after addition of Stérimar Cold and Sinusitis Relief solution. The effect sustains for 24h



References: 1. Study on 102 adults including 51 using Stérimar Sinusitis Very Blocked Nose, Gori G., 2018 2. Huang et al., Efficacy of a seawater solution enriched with copper, hyaluronic acid and eucalyptus against nasal pathogens, 2019

#### Stérimar<sup>™</sup> Product Portfolio









# STÉRIMAR CONGESTION RELIEF

Nasal spray for congested noses





- Clinically proven to:
  - Quickly unblock the nose for up to 6 hours\*\*
  - Effective day and night\*\*\*
  - Cleanses & eliminates impurities
  - Wash away even thick
  - Relieves the symptoms of colds
- Free from steroids, drugs, or preservatives

\*\*57% of subjects agree that their nose is decongested at 6 hours after product use \*\*\*84% of subjects agree that the product is effective day & night

Adults & Children 3yrs+

Use 2 to 6 times a day until decongested

50 ml & 100 ml

100% Natural

## STÉRIMAR<sup>™</sup>CONGESTION RELIEF

When nasal passages are clogged, patients aren't just miserable, they're at a greater risk of secondary infection. Stérimar™Congestion Relief quickly decongests the nose for up to 6 hours\*\*.

#### Stérimar<sup>™</sup> Congestion Relief:



Contains 100% natural sea water from France's Brittany coast, enriched with copper, a natural sea-water trace element



Clinically proven to help fight colds



Specially formulated solution with a higher concentration of salt than the human body's cells, which actively unblocks the nose



NO steroids, drugs, or preservatives; NO known side effects—can be used with medicated products



Aseptically packaged; Anti-reflux valve means product remains 100% preserved

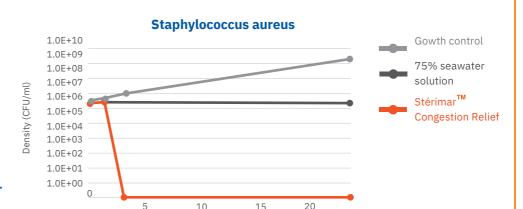


#### IN VITRO BACTERIAL GROWTH TESTING

Monitoring was carried out on a 24-hour basis at 1, 2, and 21-hour intervals.

TCS (tryptone-casein-soya) broth without addition of Stérimar Blocked Nose was used as growth control.

The growth of Staphylococcus aureus is inhibited as soon as 3h after addition of Stérimar<sup>™</sup> Blocked Nose solution. The effect sustains for 24h



Time (hours)

References: 1. "Etude de l'activité d'un produit d'hygiène du nez à l'égard des bactéries Pseudomonas aeruginosa et Staphylococcus aureus". 149 482

#### Stérimar<sup>™</sup> Product Portfolio

# Nasal Hygiene Figure Extra Color Color Color and Cleanses 3yrs+ / Isotonic









## STÉRIMAR CONGESTION RELIEF KIDS

Nasal spray for congested noses in kids



- Clinically proven to:
  - Quickly decongest the nose
  - Washes away even thick mucus
  - Help to fight colds and limit the risks of secondary infection
- Free from steroids, drugs, or preservatives
- Patented safety nozzle
- Gentle spray

**Kids** 3mo - 3yrs Use 2 to 6 times a day until decongested

50 ml

## STÉRIMAR<sup>™</sup>CONGESTION RELIEF KIDS

When nasal passages are clogged, kids are at greater risk of secondary infection and need assistance in clearing their nose to allow for breathing. Stérimar™Congestion Relief Kids quickly decongests and helps prevent ENT disorders.

#### Stérimar™Congestion Relief Kids:



Contains 100% natural seawater from France's Brittany coast. enriched with copper, a natural sea-water trace element



Clinically proven to help fight colds



Specially formulated solution with a higher concentration of salt than the human body's cells, which actively unblocks the nose, less hypertonic than for adults to respect kids' noses



NO steroids, drugs, or preservatives; NO known side effects can be used with medicated products

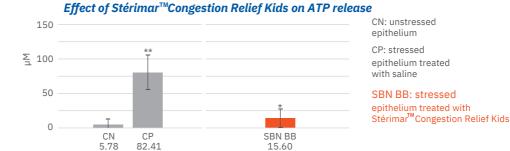


Patented ergonomic safety nozzle with an anti-reflux valve that allows stable handling whist the product remains 100% preserved



### IN VITRO RECOVERY FROM HYPOTONIC STRESS<sup>1</sup>

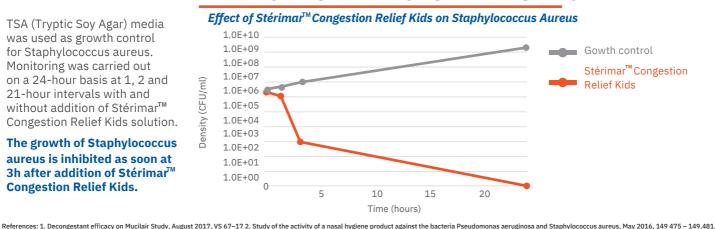
The ATP release (the stress marker) is decreased by 81% after only 2 mins of application of Stérimar<sup>™</sup> Congestion Relief Kids on a stressed epithelium, compared to the saline treated stressed epithelium.



## **IN VITRO BACTERIAL GROWTH TESTING**<sup>2</sup>

TSA (Tryptic Soy Agar) media was used as growth control for Staphylococcus aureus. Monitoring was carried out on a 24-hour basis at 1, 2 and 21-hour intervals with and without addition of Stérimar™ Congestion Relief Kids solution.

The growth of Staphylococcus aureus is inhibited as soon at 3h after addition of Stérimar™ **Congestion Relief Kids.** 



#### Stérimar<sup>™</sup> Product Portfolio









## STÉRIMAR HAYFEVER & ALLERGY RELIEF

Nasal spray for allergic noses



FREE FROM

Steroids | Drugs | Preservatives

- Clinically proven to:
  - Reduce the number of acute Allergic Rhinitis episodes by 42%<sup>1</sup>
  - Prevents allergy symptoms: sneezing, runny nose, and itching
  - Clears and cleanses nasal passages, eliminating allergens
- Free from steroids, drugs, or preservatives

Adults & Children 3yrs+

Use 2 to 6 times a day

50 ml

Sofibel - Laboraoires Fumouze 110-114 rue Victor Hugo 92686 Levallois-Perret France

## STÉRIMAR™ HAYFEVER AND ALLERGY RELIEF

The human nose normally filters between 18,000 and 20,000 litres of air a day. Allergic reactions make the nasal passages less efficient, reducing a patient's defence against colds and hay fever.

#### Stérimar™Hayfever and Allergy Relief:



Contains 100% natural seawater from France's Brittany coast, enriched with manganese



Clinically proven to reduce acute Allergic Rhinitis episodes by 42%<sup>1</sup>



Specially formulated solution that matches the salt concentration within the human body to maintain the natural homeostasis in the nose at the cellular level



NO steroids, drugs, or preservatives; NO known side effects—can be used with medicated products



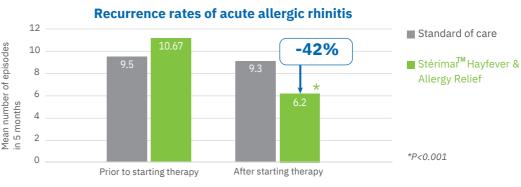
Aseptically packaged; Anti-reflux valve means product remains 100% preserved



#### CLINICALLY PROVEN SUPERIOR EFFICACY

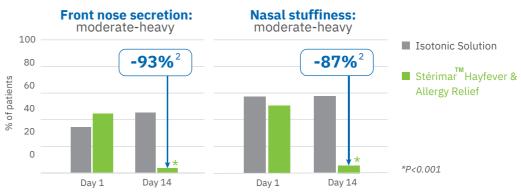
#### Adults:

A controlled clinical study showed a significant reduction of acute allergic rhinitis symptoms with longterm use of Stérimar™ Hayfever & Allergy Relief.



#### Children: 2

93% reduction of heavymoderate symptoms of front nose secretions and 87% reduction of moderate-heavy symptoms of stuffy nose after 14 day use.



References: 1. Grasso M et al., The effectiveness of long-term course of Stérimar Mn nasal spray for treatment of the recurrence rates of acute allergic rhinitis in patients with chronic allergic rhinitis, Drug Design, Development and Therapy, 2018; 705-709 Study of 60 adults where 30 used Stérimar daily for 5 months alongside standard treatment.

2. Raos M, Comparison between Mn in micro-spray and physiological solution in patients with allergic rhinitis, 1999 (unpublished data) Study on 43 children from 5 to 17 years old where 31 used Stérimar daily for 14 days

#### Stérimar<sup>™</sup> Product Portfolio

# Nasal Hygiene Tribular Street, Isotonic





