



nebulok

*The world's first smart
electronic nebuliser*



Avoids medication errors

since the dose to be administered is pre-loaded, ready to use and pre-sealed in disposable single-dose capsules.



Does not require cleaning or disinfection after each use

since the mouthpiece (which comes into contact with the patient) and the vibrating mesh (in contact with the medication) are both integrated into the capsule that is discarded after each administration.



Can be assembled and loaded in one simple step, making it extremely **easy to use**. Moreover, its small size and batteries that can be recharged exactly like a mobile phone, ensure that it can be used anywhere.

The new patented device, **NEBULOK**, with its system of disposable capsules, is a smart nebuliser which solves many of the problems and drawbacks associated with current devices.

The clinical guidelines published by scientific societies regarding inhaled therapies acknowledge that today's nebulisers, while being highly efficient, nevertheless present a series of drawbacks which limit their use in comparison with other devices.

In specific terms, they are difficult to use and transport, and moreover, require painstaking maintenance (cleaning and disinfection) if they are to continue working correctly and avoid infection.

With its innovative system of pre-loaded, single-dose, disposable capsules with built-in vibrating mesh, the **NEBULOK** nebuliser is a completely new kind of device that will revolutionise the field.

In just one simple step, the nebuliser is ready for use and requires no cleaning or disinfection after each administration.

Its convenient size, handy rechargeable batteries and single-dose, disposable capsule system enable patients to carry the device with them at all times and to use it anywhere.

“NEBULOK, improving patients' quality of life and making their treatment easier, safer and more convenient”





Body

Ergonomic, small and easy to handle.



Electronic

The device begins dispensing the medication at the simple touch of a button.

The electronic system detects the patient's respiration and adapts the nebulising function to his or her breathing rate.

The product can be scaled up to include many different developments within the field of telemedicine.



Battery

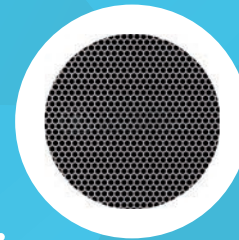
Long-lasting battery that can be recharged just like a mobile phone.



Capsule

The capsule is pre-loaded with the necessary medication and has a built-in mesh. It fits easily into the nebuliser and is disposed of after use.

The device can be used to administer different drugs with different volumes and viscosity levels. All you have to do is change the capsule.



Vibrating mesh

Since the vibrating mesh is integrated into the capsule itself and is disposed of after every use, it is always clean. Thanks to its micrometric orifices which are completely free from any kind of impurity, correct functioning is guaranteed, with no risk of infection and no need for cleaning or disinfection.

Moreover, it enables a completely personalised regime, with the characteristics of the capsule/mesh assembly being adapted to the requirements of both the treatment and the patient's anatomy, without any changes being required to the nebuliser itself.



When brothers Juan José Salegi (engineer) and Iñaki Salegi (pulmonologist) joined forces to develop a new medical device in the field of nebulised therapies, they did so with one overriding purpose: **to improve patients' quality of life.**

The aim was to develop a new kind of nebuliser that would be as effective as its competitors on the market yet would **revolutionise the way in which these devices are used** (i.e. would be easy, safe and convenient).

To this end they set up the company **LAINOMEDICAL**, with the backing of the **REINER GROUP**, experts in plastic injection and blow moulding, and **ORZA**, a direct investment entity that forms part of the **GEROA** and **ELKARKIDETZA** pension funds, and which invests in unlisted Basque companies.

REINER GROUP





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