

Otosblok

ep medica

About Otosblok

Launched in 2021 by EP medica srl, Otosblok is a device designed for the treatment of chronic otitis media with effusion, recurrent otitis media, and other conditions affecting the middle ear, such as barotrauma caused by factors like diving and air travel.

The Eustachian tube, due to its anatomical relationship with the functional nasopharynx, is involved in the inflammatory processes of the middle ear and the nasal and paranasal cavities, particularly in children.

These conditions can be treated with medical therapy, surgery, or trans tympanic drainage. However, these therapies are not always completely effective, and it may be necessary to employ tubal exercises to enhance and improve the draining function of the tube.

The use of the Otosblok device, which works by insufflating air, helps to reopen the tube and restore positive pressure within it, thereby improving its functionality.

Good functioning of the Eustachian tube prevents the progression of conductive hearing loss, reduces recurrence, and mitigates the consequences of otitis media.

Otosblok offers several advantages:

- Non- invasive
- Easy to use
- Well-accepted by patients
- Multiple cycles
- No contraindications



Figura 1. Components: Otosblok, 3 nozzle, charge- battery, instruction.

- Home setting

Use instructions

- The application lasts only a few seconds and involves placing the nozzle perfectly against one nostril while closing the other;
- Then, close the mouth;
- Activate the device to blow air for a few seconds;
- In the meantime, swallow.

The treatment is then repeated in the other nostril. It is possible and recommended to repeat this maneuver after about 5 minutes, at least twice a day. The doctor will provide instructions on the duration of use.



Therapeutic indication

In cases of tubal insufficiency, periodic outpatient or home treatments (weekly cycles) are indicated based on the ventilation status of the middle ear (impedance monitoring). For the treatment of catarrhal otitis media, if the Endo tympanic effusion has not resolved after the acute phase, treatment with Otosblok is indicated with daily home or outpatient applications under medical supervision until the condition resolves. For barotrauma episodes, daily outpatient or home use is recommended until the conditions of middle ear hypoventilation are resolved, possibly with antibiotic coverage.

Limitations and contraindications

Following treatment, a temporary sensation of fullness/discomfort may occur, which usually resolves spontaneously. If this persists or if pain arises, treatment should be discontinued. In the event of upper respiratory tract or ear infections during treatment, it should be stopped and resumed only after the infection has resolved.

Otosblok is produce by EP medica srl, via dell'artigianato 43/B – 48034 Fusignano (RA)

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