



Why Oclean?

To-date the many articles available for cleaning ears have always been characterized by certain flaws: cotton tips, rubber cures, transluminant hooks, waxed cones etc., have all proved to be unsatisfactory for a variety of reasons.

The idea of developing **Oclean** was made following accurate research that sought to eliminate the defects of existing products.

We all know that soap and water improves the effects of friction during washing. To achieve the highest standard of personal cleanliness, ears included, to be quick and efficacious, the procedure must make all the impurities soluble and be followed by a friction that assures their elimination :

Unlike **Oclean**, no other system is suitable for efficient use with liquid detergent or soap.

- With cotton tips it is impossible to clean ears well because not enough lather is producible. Used dry, they do not clean the walls of the auditory canal thoroughly, the cotton frays or unwinds and quickly breaks away from the plastic tip. If the cotton wool is imbibed with liquids or soap, the tips rapidly lose their abrasive potential. The cotton wool's loss of abrasion no longer guarantees thorough removal of the impurities adhering to the auditory canal. Such product is not ideal for assuring a high standard of personal hygiene. Otorhinolaryngologists formally discourage the use of cotton tips for cleaning the external auditory canal. For this reason all cotton tip packs display a notice to the public that they should not to be introduced into the external ear canal!
In fact cotton tips are generally too small in respect to the canal's diameter, thus making them unsafe for use: a very real risk exists that they be accidentally introduced too far, thus pushing wax towards the eardrum, causing acute pain, injury and even perforation of the eardrum.
- Tips produced with a larger cotton wool bud aimed for protection have recently come onto the market but have also proved to be an inadequate solution to the problem. During use the bud flattens rapidly therefore failing totally in its original function.
- All objects covered in cotton wool often leave fibrous residues within the canal requiring the intervention of a doctor to remove them.
- The use of auricular sprays, as an alternative, rarely manages to completely eliminate the impurities adhering to the auditory canal.
- Rubber cures, ear scrappers and the like cannot absorb liquids, therefore do not dissolve impurities; beside they are also difficult to handle.
- To use wax hooks and cones the presence of another person is necessary and are not able to clean by washing the walls of the auditory canal.
- Finally all these methods are not ideal nor suitable for everyday use.

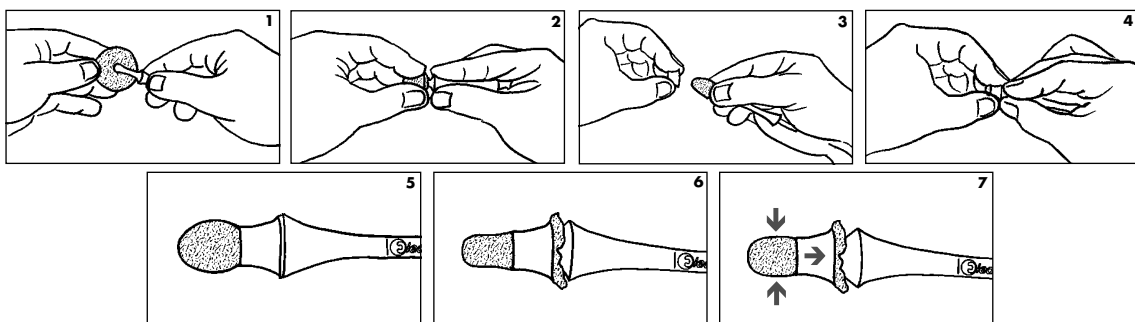
With the intention of presenting an **ideal** and definitive solution of the flaws exposed above, **Oclean** was conceived to be the only instrument capable, at last, of resolving **all** the defects of existing methods for ear hygiene.



What is Oclean?

Oclean is the new instrument for personal hygiene that satisfies the demand for an efficient, accurate and safe method for ear care.

The product is comprised of a practical shank with two ergonomic shaped ends onto which small sponge discs are fixed using two bell-shaped collars: the small sponge disc is wrapped around one of the ends and held into place by pushing the bell-shaped collar down over it.



Oclean's proportions have been carefully studied. When the sponge discs are correctly mounted, **Oclean** assures safe cleansing of the external auditory canal and the earlap because it cannot penetrate further into the canal.

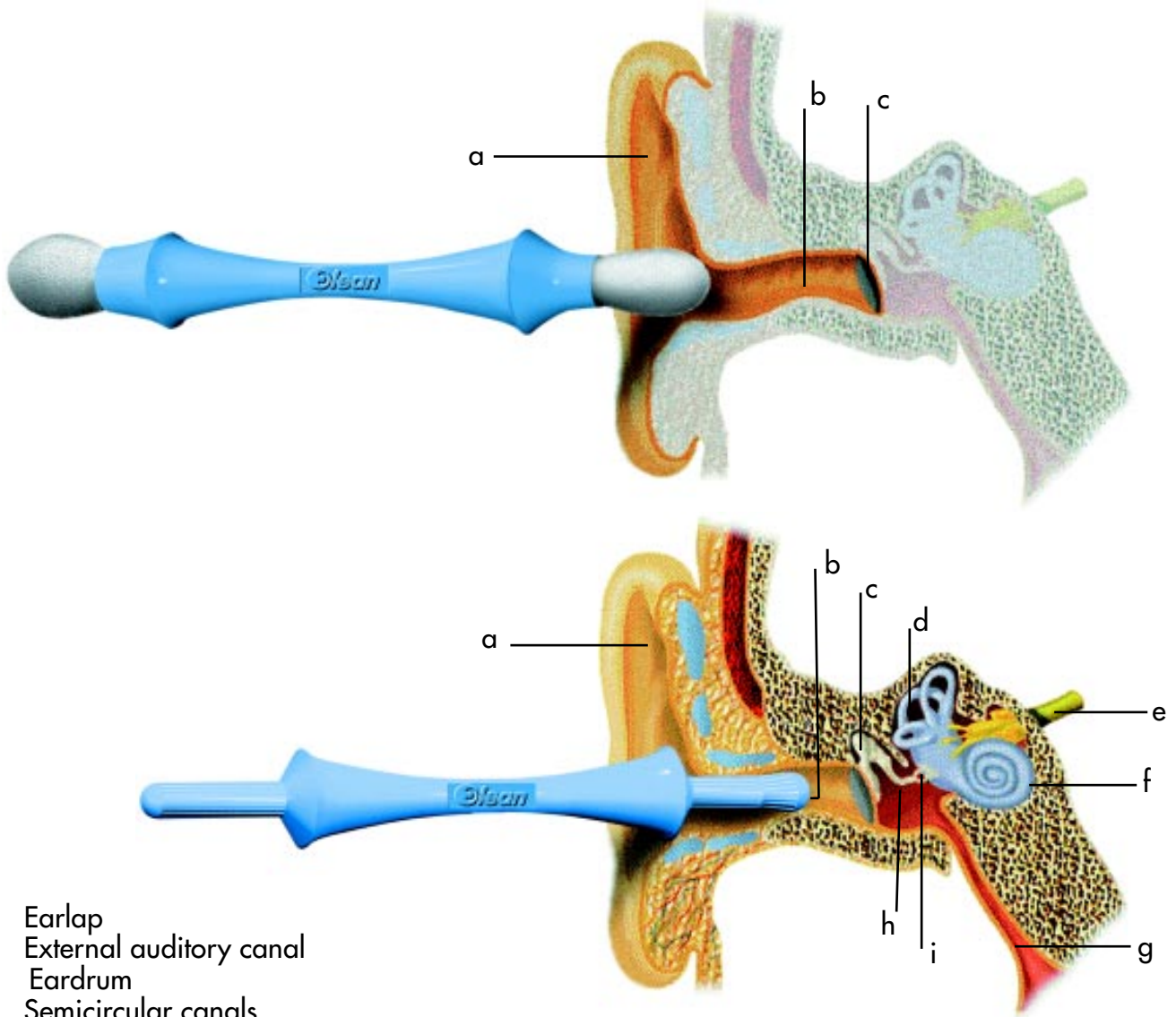
Otorhinolaryngologists specify that wax is a physiological product for the external ear's protection and its removal is indicated only in the two-thirds external of the auditory canal:

- in the event of excessive wax production causing rapid accumulation and
- for hygienic reasons: because of unpleasant odors (denoting the presence of bacteria) or for clear aesthetic reasons.

They recommend to avoid the removal of wax from the depth of the canal (one third internal of the external auditory canal) except in the case of excessively hard wax forming a plug near to the eardrum.

They strictly advise against the use of any instrument that may come in reach of the canal's depth that should only be cleaned by professionals or by extremely gentle washing.

They believe that *Oclean* is finally the qualified instrument for a satisfactory and medically approved ear hygiene.



- a) Earlap
- b) External auditory canal
- c) Eardrum
- d) Semicircular canals
- e) Acoustic nerve
- f) Cochlea
- g) Eustachian tube
- h) Ossicles
- i) Oval window



Preferably **Oclean** should be used wet and soaked in shampoo or any other detergent while taking a shower.

This is the finest system in existence for daily ear care and offers numerous advantages:

- **Oclean** is safe, because it cannot reach the eardrum (see ear section).
- **Oclean** is the only instrument, which permits the use of liquid detergents, or oil based medication, the sponge material is ideal for the absorption of fluids.
- **Oclean** can be used with abundant lather, under a constant jet of water that dissolves wax instead of pushing it down the auditory canal.
- The gentle abrasive quality of **Oclean's** sponge was chosen especially to make the removal of impurities easier.
- **Oclean** leaves no residue because the sponge, in contrast to cotton wool, loses no fibers.
- **Oclean** is easy to use; a slight turn is sufficient and the operation totally painless.

Even with wet, slippery hands **Oclean's** ergonomic shank is easy-to-use. The sponges are washable and can be replaced.

The tip's design reflects the external ear's anatomy featuring two different diameters that prevent introduction deep into the ear.

This is possible thanks three structural highlights:

1. The shank ends are shorter than the external auditory canal and cannot reach or injure the eardrum.
2. The tip's wider diameter makes it impossible to reach deeper and dangerous areas of the ear canal: their proportions have been calculated in consideration of the change of direction of the external auditory canal (25° angle in dorsal direction, anatomically existing between the external intracartilaginous part and the more internal intrabony part of the canal).
3. Finally the enlarging form of the bell-shaped collars prevents the tips from reaching the deepest part of the canal.

Oclean must never be used without its sponge disc.

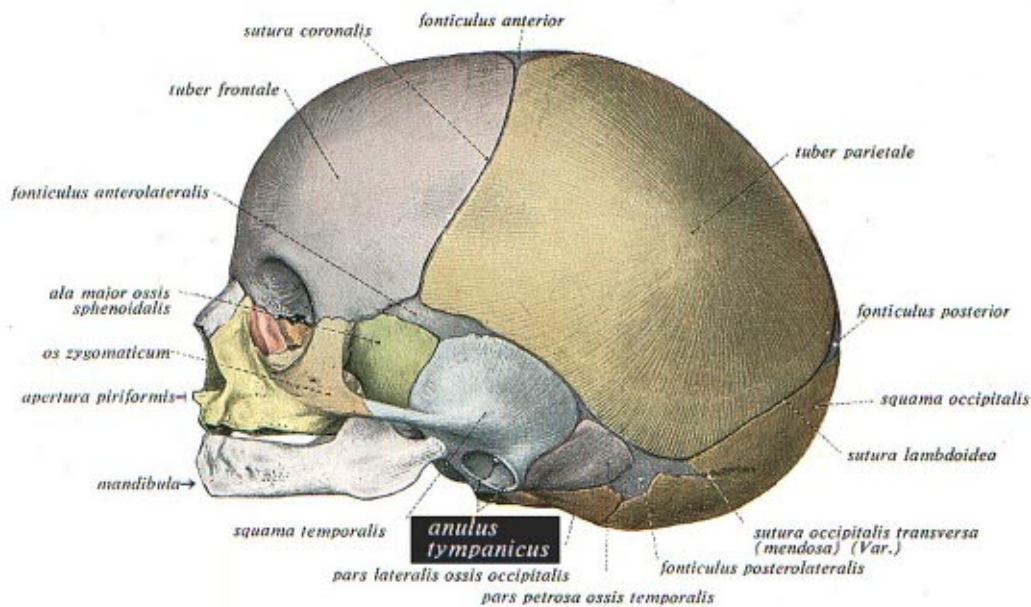
Their precise structural peculiarities make the penetration too deep into the ear impossible, which is unnecessary, nor desirable and also ill advised - an exercise which specialists vigorously discourage.



Oclean is the most modern and ideal ear-cleaning instrument for both adults and children alike.

A suitable product for use in baby-care for whom the introduction of any object into the ear canal is absolutely prohibited:

the position of the eardrum membrane is closer to the ear's opening in the newborn than in adults (see the position of the anulus tympanicus). Mothers are often unaware of this and the risk of injury to the eardrum is very high.



In contrast to the other articles on the market, **Oclean** is such a safe product that children may use it on their own. However because of its small assembly parts **Oclean** must be kept away from children under the age of three.



Oclean is useful in many other applications:

Make-up



Oclean can be used easily to apply, to correct or remove make-up from the face and eyes. The **Oclean's** ergonomic shank does not slip between the fingers. Used separately the sponge disc makes application and removal of beauty masks easy.

Skin treatment and personal hygiene



Cleans and treats small areas of skin leaving no residue. Cotton wool or gauze often loses filaments which adhere to the treatment area whereas the **Oclean's** sponge remains intact. Beside the sponge's abrasive quality permits elimination of small dry skin deposits (e.g. facial eczema) and can be used in beauty care for light peeling in localized keratosis

Veterinary use



Cleaning the ears, nose and eyes of small domestic animals is made easier with the **Oclean's** sponge that is slightly abrasive therefore the removal of impurities is simpler and small injuries can be dealt with avoiding use of excessive pressure.

Cleaning small objects



Oclean is useful for cleaning small components e.g. computer keyboards, telephones, car, dashboard instruments, hi-fi players, jewellery etc.

Handicrafts



Glue application and removal of any residue, retouching, paintings etc. **Oclean** does not cause splashing or leave filaments.

Oclean is ecological, the shank, sponge and packing have been made in recyclable materials. Do not dispose **Oclean** in the WC - throw it in the recycling bin or rubbish bag!

PRODUCED BY: ARSLINE SA - Switzerland - <http://www.oclean.ch>
PATENT: The name *Oclean* has been patented worldwide to protect its design,