

# INSTRUCTIONS

## A-P STOP (# AP-1)

This new system is based not on the skin, which slides up to 2 cm over the skull, but on the bones themselves, both *anteriorly (A)* and *posteriorly (P)*.

### EYE MASK "LOUP" and BONNET

ANTERIORLY, an EYE MASK "LOUP" (French) fits closely over the bones of the nose and eyebrows. POSTERIORLY, a BONNET contours the rest of the head. Velcro® hooks are incorporated into the devices to join them together. The ensemble makes a firm and efficient casing. Thus, the head may move a few millimeters, but invariably resumes its original position.

The components are made of clear flexible polyurethane, disclosing the color of the skin and thus the amount of pressure applied. The X-ray absorption of the material is the same as water, therefore adding very little mass (5 mm), while providing the head with a regular and suitable shape. In MR the polyurethane produces no signals. Disinfection is done with alcohol or Zephiran.

### PREPARATION of ANCHORS

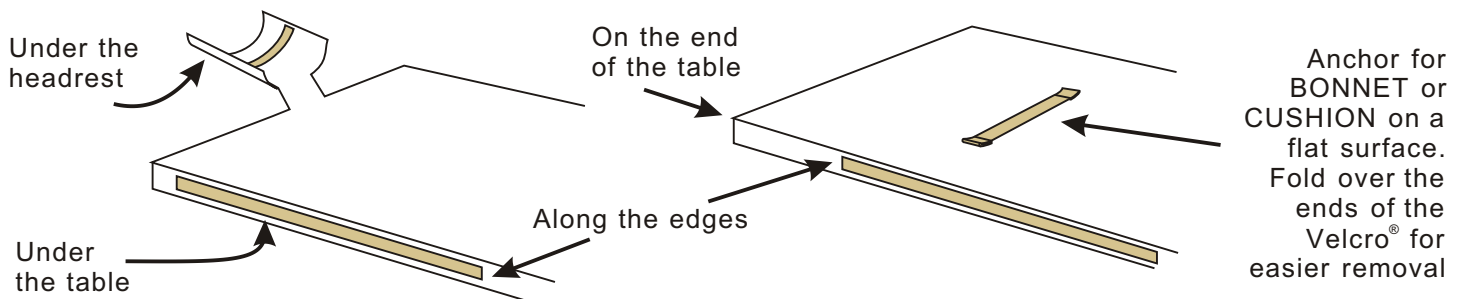


Stick a strip of hooks Velcro® into the headrest to steady the cushion or the bonnet.

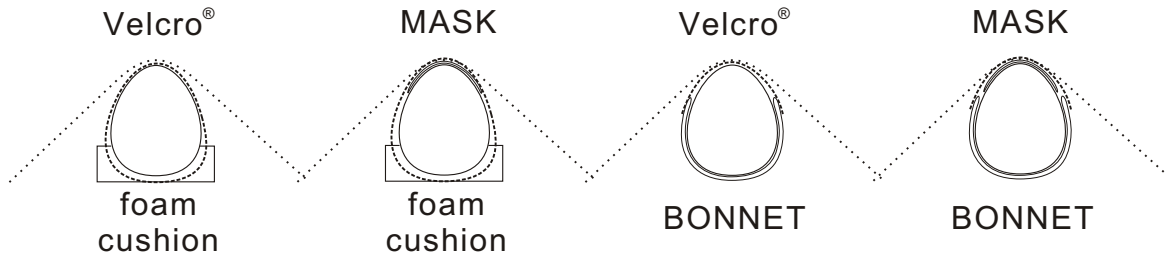


A self-adhesive felt Velcro® sticks on the back midline of the bonnet. Replace when necessary.

### Stick segments of self-adhesive hooks Velcro®



## PROGRESSIVE DEGREES of IMMOBILIZATION



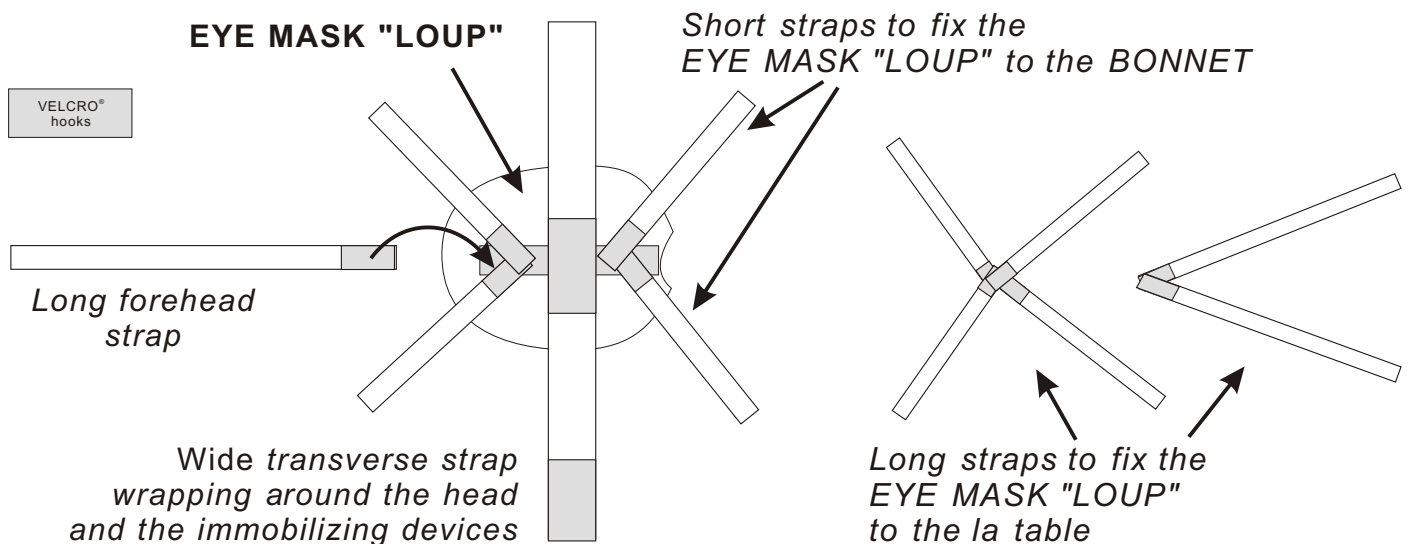
## INSTALLATION of the BONNET and the MASK



Prepare the patient, by explaining the reasons for using the mask and the bonnet: such as a more precise examination, less risks of retakes and no use of adhesive tapes. Disinfect with alcohol or Zephyran®. Demonstrate on yourself the acceptability of the mask. A well informed patient, having tried the mask beforehand, will be able to install it by himself.

Firmly press the BONNET toward the feet against the top of the head. Adjust the "LOUP" delicately onto the nose and the eyebrows, and apply a slight pressure. Check for a slight discoloration of the skin and the absence of pain.

## WHITE VELCRO® STRAPS for the HEAD



**Suggestion:** store the straps on a wall with a self-adhesive felt.

## IMMOBILIZATION

Any resentment toward the system always vanishes when someone tries it on himself (herself). It is therefore of the utmost importance that technologists practice on each other before using it with patients. This reduces preparation time and improves examinations.

*Always apply the felt side of the Velcro® toward the skin. The hook side must not scratch the skin.*

There are many ways to fix the head and the devices with the white Velcro®, and there are many types of patients and situations.

Start by fixing the MASK to the BONNET with four short (18 cm) straps; supplied disks may have been previously inserted on each side under the bonnet and over the LOUP, which greatly improves fixation (see the video). Then, depending on the case, apply the wide transverse strap and/or the other long ones in a "I", "X" or "Y" fashion to fix the EYE MASK "LOUP" to the headrest and to the table.



Example of fixation with foam posteriorly and with the LOUP anteriorly. The **wide** strap sits *transversely at the level of the eyebrows*. The **forehead** one is barely visible at the rear and reaches under the headrest; two **oblique** straps reach to the sides of the table completing a "Y" shape.



Example of **stronger** immobilization with the BONNET and the LOUP. Supplied disks (invisible here) can be inserted on each side under the BONNET and over the LOUP; then both are united with **short** straps. A **long** strap fixes the ensemble to the headrest.

### ATTENTION

1. Polyurethane is inflammable and its fumes are toxic.
2. Polyurethane is fragile and breaks easily

### WARNING

Must be used only by qualified personnel, according to appropriate procedures, and under the responsibility of a physician. OCTOSTOP® Inc. and its personnel do not assume any liability regarding the use, indications, consequences, or any situation directly or indirectly related to its products.