

## GENERAL INSTRUCTIONS

### BOOMERANG, GENTLE SLOPE and INGOT SPLIT GENTLE SLOPE and SPLIT INGOTS

These superb compensating filters are especially designed to even out the density of numerous radiographic and fluoroscopic examinations.

#### PRECAUTIONS

To familiarize yourself with your unit, we suggest that you **fluoroscope it** before use. First, check that it is homogenous. Secondly, its image will give you an indication of the effect it will have on the anatomy.

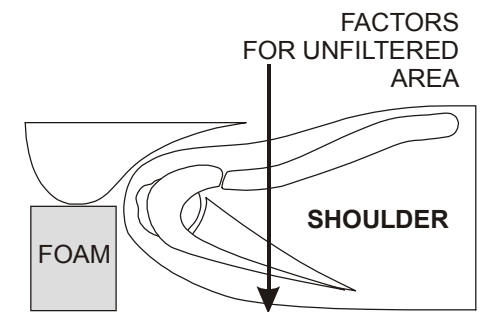
**Tapered edges are intentionally thin (and fragile) to avoid demarcation artifacts: do not fold them over nor stretch or tear them with fingernails.**

If an artifact is observed, indicate it on the film; and/or take another corrected exposure. Adjust technical factors for the unfiltered area.

If the surface becomes dusty, it will tend to slide: washing with water will restore its adherence. Disinfect with alcohol or Zephiran. Observe local practices. **Consult your radiologist.** Send us your suggestions.

#### RADIATION

In order to reduce radiation to the patient, compensating filters must be used whenever possible on the tube side of the anatomy, rather than behind. Since technical factors of exposure are those normally applied for the unfiltered portion of the anatomy, there is thus no increase of radiation due to the presence of a filter.



**BOOMERANG WITH AN OPAQUE CHAIN:** at the periphery of the STANDARD BOOMERANG, you will see an incorporated metal chain. The reason is that if one of its horns were superimposed on the anatomy, it would readily be recognized as such, and not as a lesion, thus minimizing the risk of legal litigation. The chain is projected outside the anatomy and its distance from the skin indicates the amount of filtration applied.

**BOOMERANG WITHOUT CHAIN:** these units ordered without metallic chain are marked "WITHOUT CHAIN". Then, if a horn were superimposed on the anatomy, it might be interpreted as a lesion. Therefore, if such an artifact appears on a radiograph, please indicate it on the film so as to prevent the risk of a legal litigation, or repeat a correct exposure.

The **SPLIT INGOT** is divided lengthwise. Both halves have felt Velcro® incorporated on both surfaces, and are held together with Velcro® straps for use as a regular INGOT. When separated, the parts may protect the greater trochanters, or any other superficial bone like the malleoli of the ankle or the femoral condyles of the knee. Or they may adhere to a cassette or to the collimator (self adhesive Velcro® is supplied for this purpose), for example to protect both sides of the mediastinum without over-penetrating the adjacent lungs.

Complete information is available in the enclosed educational brochure and in the CD-ROM "THE OCTOSTOP® FILTERS" by Dr Jean A. Vézina M.D., president and medical advisor of OCTOSTOP® Inc.

#### **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.