

## Instruction to use

### The sterile plastic tube applicator for Thyrotop I-131 capsule

The applicator is designed to support the administration of the I-131 capsule to the patient and manage the measurement of the radioactivity considering the radiation protection and safety. It is a sterile disposable PE plastic tube (170 mm) and its top opening is covered with a Simport vial T310 (PP 1.2 ml) and the other end is open.

1.		<p>Top Bottom</p>	<p>Place the lead container containing I-131 capsule behind a proper shielding.</p> <p>Grab the <b>bottom</b> of the lead container with one hand, and with the other hand unscrew the <b>top</b>.</p>
2.		<p>Simport vial higher resolution image</p>	<p>Remove the sterile applicator from the bag.</p>
3.	<p>Simport vial Tube</p>	<p>Simport vial with capsule</p>	<p><b>Attaching the applicator to the bottom of the lead container</b></p> <p>Push the open end of the tube onto the bottom of the lead container where the capsule is sitting. Make sure the applicator is connected perfectly to the bottom lead container to avoid the capsule falling off. The Simport vial is up position now. <i>Picture left.</i></p> <p><b>Activity measurement</b></p> <p>Turn upside down the lead container and the capsule falls down into the Simport vial. Place it into the dose calibrator and complete the measuring of the activity. <i>Picture right.</i></p>
4.	<p>Simport vial empty Capsule in the lead</p>		<p><b>Administration to the patient</b></p> <p>Turn the lead container with the applicator back to the original position and capsule falls from the Simport vial back into the lead container.</p> <p>Remove the Simport vial (gently twist it) from the tube. Now the applicator is open and ready for administration of the capsule. <b>Safety: Check again the applicator is well connected to the bottom of the lead container.</b> <i>Picture left.</i></p> <p>The tube of applicator (without Simport vial) inserted into the mouth of patient and lips closed gently around. <b>Do not bite.</b> The lead is lifted up carefully and the capsule can fall freely into the mouth. <i>Picture right.</i></p>