Bone-Cement Delivery System
Operating Instruction (using plunger)
Step 1: Identification of the system parts:
- a) Syringe
- b) Syringe cap
- c) Luer-cap
- d) Mixing device
- e) Plunger

Step 2: Remove the luer-cap from the syringe cap. Attach the container with liquid by turning the container clockwise onto the syringe cap.

Step 3: Aspirate the liquid from the container by pulling the plunger. Repeat if necessary.

Step 4: Remove the container by turning counter clock-wise while fixing the syringe cap with two fingers. Close syringe by attaching the luer-cap to the syringe cap.

Step 5: Remove the plunger sleeve from the mixing device by pushing the handle with the thumb and two fingers.

Step 6: Mix the biomaterial by moving the mixing device back and forth while simultaneously rotating. Be sure to mix the material at both very ends of the syringe.

Step 7: Pull back the mixing device completely. Attach the plunger sleeve onto the mixing device by positionning the front end to the piston first.

Step 8: Remove the luer-cap from the syringe cap. To vent air slowly push the plunger until all air is removed.

Step 9: Attach accessory to the syringe.

Step 10: Push the plunger to dispense mixed biomaterial.