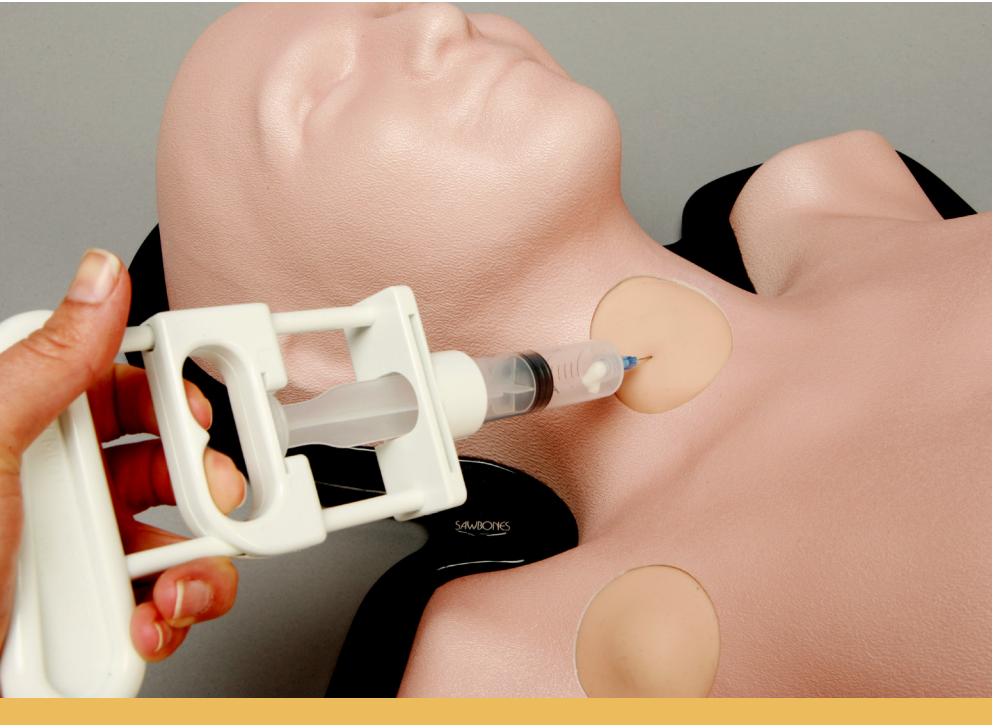


# Fiona FINE NEEDLE ASPIRATION TRAINER



## BLADDER FILLING

Five target areas can house different densities and types of aspiration materials in refillable bladders - creamy, watery, or even cellular, allowing sample staining

**Creamy filling** estimate about 100 usages without refilling or changing bladder and this option is recommended for physicians and Medical Students

**Cellular filling** better for cyto/histotechnician institutes. Use the syringe to fill the bladders (it takes time and mature banana is a recommended fruit). Usage time – about one week if you keep re- refrigerated and then you need to exchange the bladder.

**Water or watery content.** It is not a common procedure to empty cysts, but can be done and each bladder needs to be filled after one single attempt.

## CARE AND MAINTENANCE

Your model can be wiped down with any mild cleaner. Store in a dry, dark place out of direct contact with sunlight.



FioNA™ was developed by **SAWBONES** in collaboration with the University of Murcia, Spain, and inventor Dr. Eduardo Alcaraz Mateos (left).

# Fiona FINE NEEDLE ASPIRATION TRAINER

## INFORMATION AND ORDERING

To order **FioNA™** kit and components, please contact:

SAWBONES EUROPE AB		SAWBONES USA	
📍	Krossverksgatan 3 216 16 Malmö, Sweden	📍	10221 SW 188th Street Vashon, WA 98070
☎	+46 40 650 70 00	☎	(206) 463-5551
@	info@sawbones.se	@	info@sawbones.com

Let us know what we can help you with. We look forward to hearing from you!



[www.sawbones.com](http://www.sawbones.com)



# Fiona SET-UP INSTRUCTIONS

#1940

**SAWBONES FINE NEEDLE ASPIRATION SIMULATOR (FioNA™)** helps physicians, medical students, cytotechnicians and nurses practice and refine their skills on medical puncture and fine needle aspiration, essential procedures for optimal cytology specimen collection that can help improve patient outcomes through diagnosis.



With **FioNA™**, users can now safely practice puncturing, aspirating material, and preparing cytology smears; procedures that today are commonly practiced without previous training experience and on live patients.



# Fiona

## SET-UP INSTRUCTIONS

THIS INSTRUCTIONAL BROCHURE WILL TAKE YOU THROUGH:



**Fiona™** provides realistic tactile feedback of injection penetration and fine needle aspiration methods.

### #1940 Fiona™ KIT COMPONENTS



#1940

#### #1940 - Fiona™ Kit includes:

- 2x Extra bladders unfilled
- 2x 20 CC Syringe with luer lock for filling bladders
- 2x 20 CC Syringe with luer slip on for using biopsy needle tool
- Microscope slides plain (Qty 72)
- 5x 23G and 25G needles
- 1x Sharps container
- Aspire Gun

#### #1940-5 Bladder & Skin Kit:

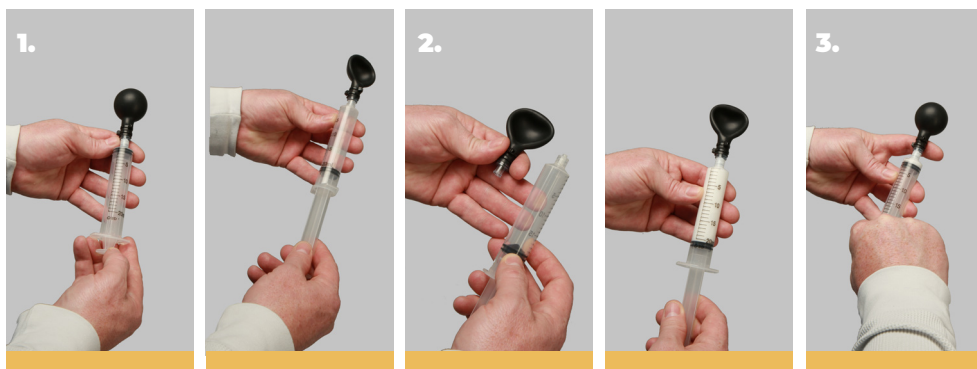
- 5x Bladders unfilled
- 5x Skin patches



#1940-5

The replaceable bladders and skin patches (#1940-5) are reusable and refillable. Included in each package are 5 bladders and 5 skin patches.

### HOW TO THE FILL BLADDERS



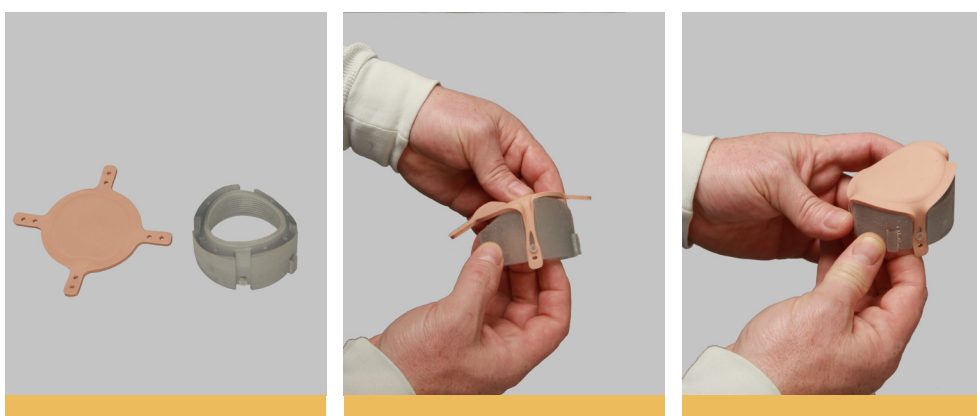
**Step 1:** Pull all of the air out of the bladder with syringe.

**Step 2:** Unscrew syringe and replace with syringe filled with desired medium.

**Step 3:** Fill bladder with 20 ml. (Do not over fill bladder).

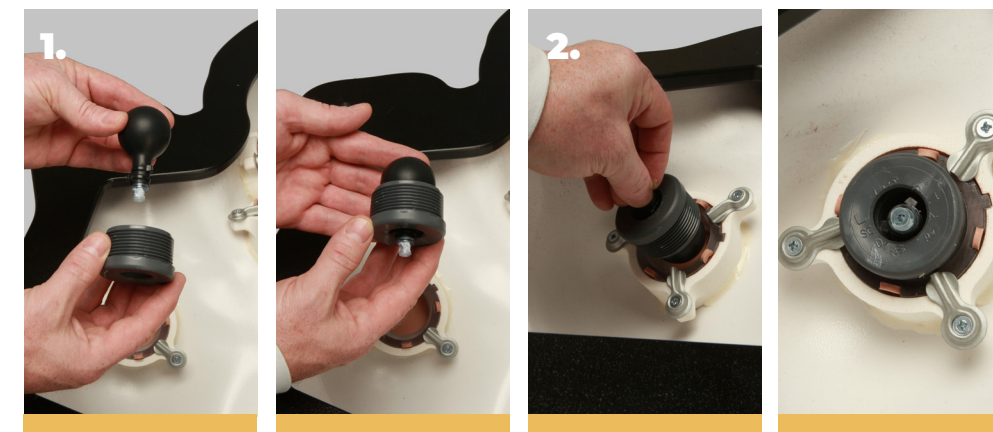
- Aspiration bladders last a minimum of 100 needle punctures and are easily replaceable.
- Bladders Can Be Adjusted To Simulate Varying Degrees Of Lesion Protrusion Past The Skin Line.

### ATTACHING SKIN PATCH TO INNER HOUSING



**Instruction:** Stretch silicone skin patch over housing and attach to posts on inner housing.

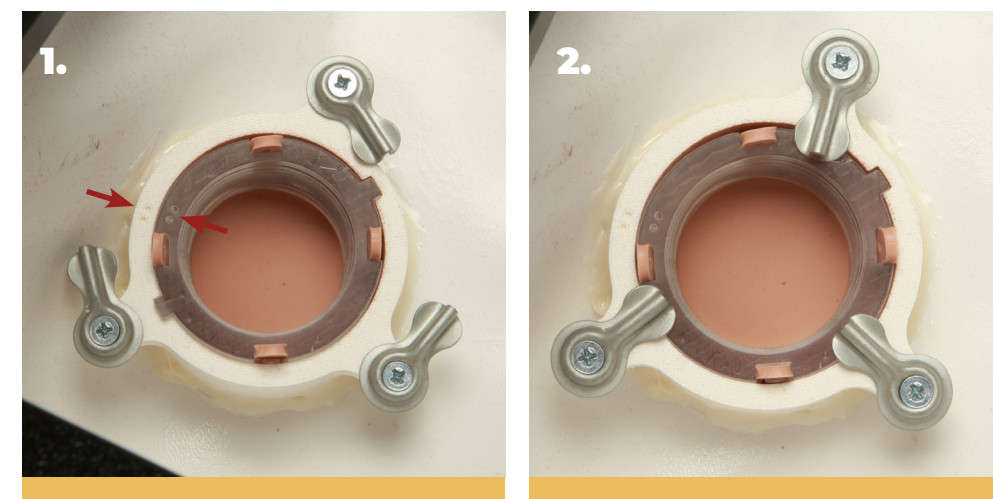
### INSTALLING BLADDERS TO MODELS



**Step 1:** Insert bladder into grey threaded cap.

**Step 2:** Thread bladder and cap into the inner housing. (Thread in and out to achieve desired protrusion)

### INSTALLING INNER HOUSING TO MODEL



**Step 1:** Line up dot pattern on inner housing with dot pattern on outer housing attach to model.

**Note:** Each outer housing has its own unique dot pattern

**Step 2:** Twist the 3 turn buckles to secure inner housing to model.

Sawbones Part 1940 is the perfect learning system for developing fine needle aspiration and cytology techniques.

