



Endojack

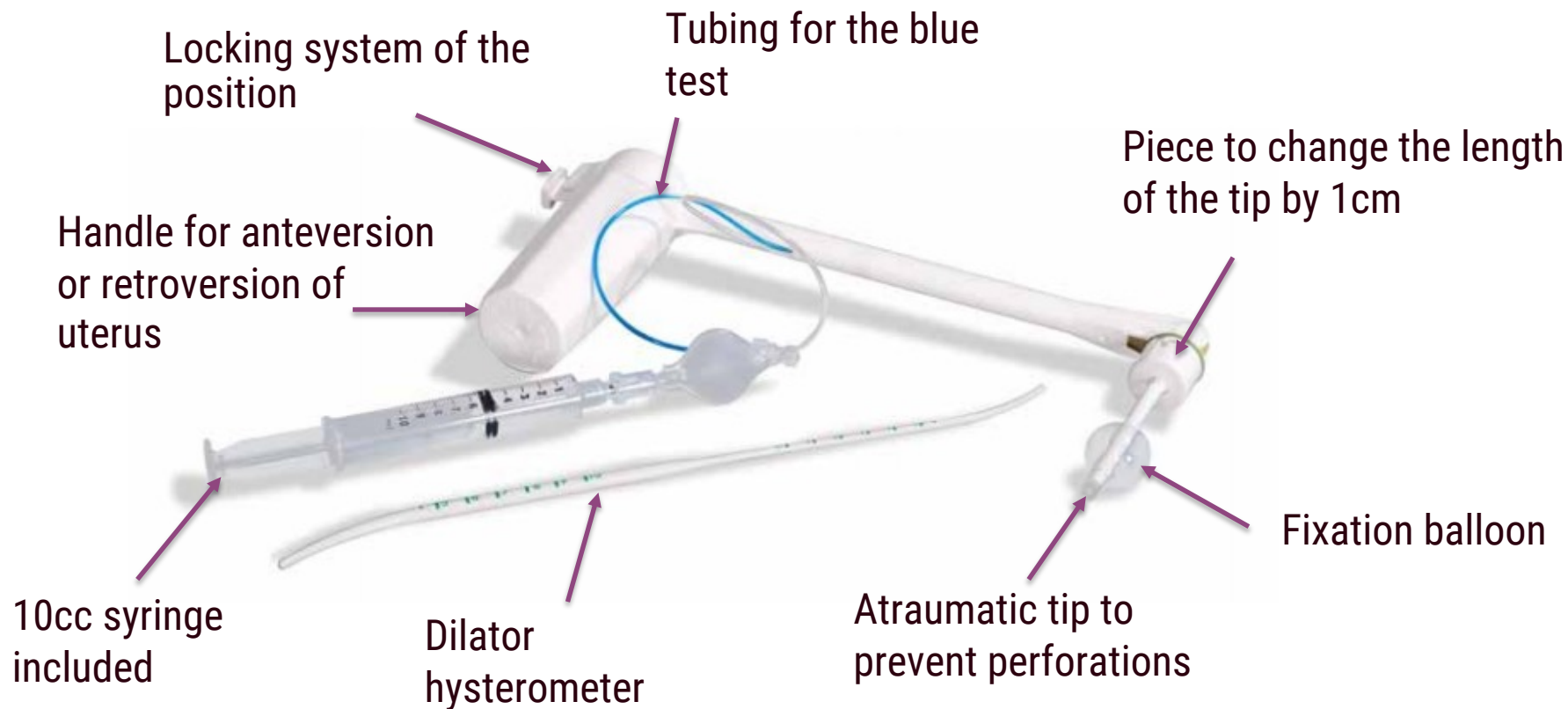
The smart uterine manipulator



ENDOJACK OVERVIEW



A sterile & single use uterine manipulator



Highlights



EndoJack has many advantages:

- No assembly to make before using it → easy to use
- Single use → no risk of cross-contamination
- Light
- Very good fixation of the uterus thanks to the balloon
- Rotative lockable handle **with marking for direction of rotation**
- Easy adjustment of the length of the manipulator tip
- Atraumatic and resistant tip (stainless steel inside the tip)
- Presence of a cannula for the blue test (tubal permeability)
- Dilator hysteroscope included





ENDOJACK AND ITS COMPETITORS



Vectec proposes CAUT60:



The 	The 
<ul style="list-style-type: none">- Price (22€ price for health centers groups)	<ul style="list-style-type: none">- Bad fixation of the uterus by suction (connection to the vacuum of the OR)- The orientation of the uterus and the ability to lock the position are impossible: an assistant must be there to hold the manipulator- Tip adapters for the lenght are in spare parts



CLINICAL INNOVATIONS

Clinical innovations proposes
Clearview:



The 

The 

- **Price (61€ Hospital price)**
- The two tubings aren't integrated in the uterine manipulator: troubles during rotations
 - No position locking possible
- Tip adapter for the length is in spare part
- Retroversion at 120° changes the aspect of the anatomy (too pronounced) making the surgical procedure complicated.

COOPER SURGICAL

Cooper surgical proposes Rumi II, a semi-reusable manipulator (only the tip is single use) :



The 

- Available with the cup



The 

- Assembly to do
- 6 tips available: stock management



Conmed proposes VCare DX Plus :



The 	The 
<ul style="list-style-type: none">- Easy change of the length of the tip- Available with the cup	<ul style="list-style-type: none">- The orientation of the uterus and the ability to lock the position are impossible: an assistant must be there to hold the manipulator

UTAH MEDICAL PRODUCTS

Utah medical products proposes Lumin which is overall identical to EndoJack.

The only differences are:

- The tip is fully made in stainless steel
- The handle shape and the mechanism to rotate the tip



Spackman cannula

Namely, the cannulae of Spackman can be used for manipulation of the uterus. They are “cheap” uterine manipulators.

There is no fixation of the uterus, meaning its manipulation more difficult: an assistant is essential! They are mainly made for the injection of liquids into the uterus.



There are many suppliers!!

Hysterometers can also be used for the manipulation of the uterus. Compresses and Pozzi forceps are used to hold everything.

Reusable uterine manipulators

Namely also the presence on the market of reusable uterine manipulators. However these are generally complicated to assemble and difficult to use, resulting in a longer operating time for the OR.

In addition to the cost generated by this longer operating time, the cost of purchase and sterilization make the product unattractive economically as well.

The two main manufacturers are:

- Storz (7 different manipulators)
- Richard Wolf





HOW TO USE ENDOJACK ?



The indications

- Pathologies:
 - Tubal sterilization
 - Myomectomy
 - Removal of cysts
 - Diagnostic laparoscopy
 - Chromoperturbation
 - Treatment of endometriosis
 - Promontofixation
 - Subtotal hysterectomy

Instructions of use

- Open the uterine manipulator packaging.
- Use the dilator hystrometer to dilate the cervix and measure the depth of the uterus.
- Modify the length of the manipulator tip if necessary.
- Fully insert the manipulator tip into the uterine cavity. The handle should be facing up.
- Inject 10cc of saline using the syringe provided to inflate the balloon. Check the correct fixation of the manipulator.
- Rotate the handle to perform an anteversion or a retroversion of the uterus. Block this position if necessary.
- Use the blue tubing to perform the blue test if necessary.