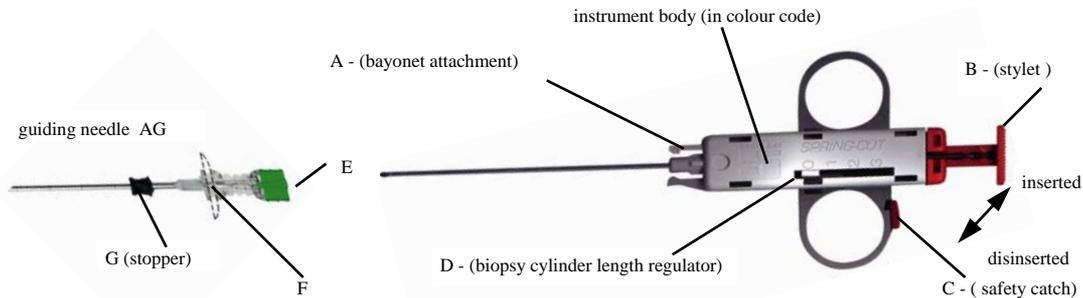


INSTRUCTIONS FOR USE OF THE SEMI-AUTOMATIC GUILLOTINE CUTTING SOFT TISSUE BIOPSY INSTRUMENT SPRING-CUT® and GUIDING NEEDLE AG®



- WARNING:**
- Store in a dry clean place away from heat sources
 - Before use ensure that the packaging is intact: if perforated, damaged or open discard the instrument
 - Check the expiry date and that the model corresponds
 - Peel open the package
 - Pay attention to not compromise the sterility of the instrument before use
 - In the event of a product defect or malfunction complete the yellow claim form to be found in the product carton and conserve the defective instrument

N.B.:

The use of this instrument is reserved to qualified medical personnel who are aware of its application.

The instrument is sterile (sterilized by ETO GAS) single use and should be discarded after use (Circ.Min:Sanità 403/9.5/1146-L. 10.81)

Sterylab declines any and all responsibility in the event of improper use or reutilisation.

I) LOADING

- 1) Disinsert the safety catch (pushing on button "C")
 - 2) pull back on the stylet "B", until the desired bioptic excursion "D" *
 - 3) insert the safety catch (pulling on button "C").
- | | | | |
|------------|--------|-----|--|
| position. | 1 = mm | 6 * | |
| position . | 2 = mm | 12 | |
| position | 3 = mm | 20 | (for this position pull fully and decisively back) |

In the event of pulling back beyond the desired point to correct the position disinsert the safety catch, advance the stylet "B" to release the spring, and proceed again from point I),2)

***ATTENTION: SPRING-CUT is supplied already LOADED IN POSITION 1 (=mm 6). If the desired bioptic excursion is 6mm (position 1) control that the safety catch is inserted and proceeds from point II) PENETRATION**

II) PENETRATION

Grip the SPRING - CUT (index and middle fingers in the lateral rings, thumb on the stylet hub "B") and penetrate to reach the lesion pressing with all three fingers. **For SPRING-CUT MR (Resonance Magnetic version) e SPRING-CUT + version (with echonox cannula):** verify the position respectively by MR or ultrasound

III) BIOPTIC FIRING

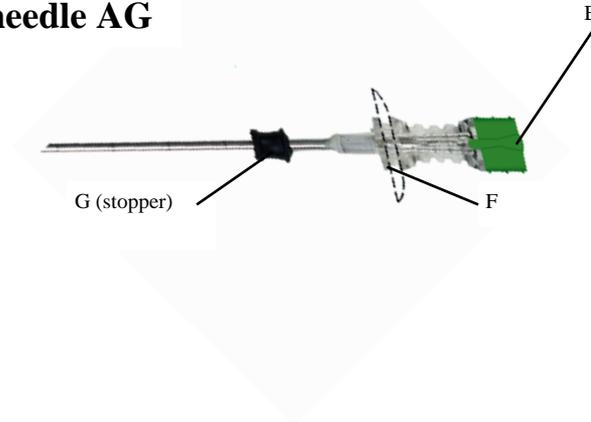
Disinsert the safety catch "C" on the side ring using the thumb and advance the stylet "B" into the lesion activating the firing of the cannula

IV) RECOVERY OF THE SAMPLE

Extract the instrument from the patient, load it completely (position III), verify that the safety catch is disinserted (press button "C") uncover the stylet (button "B") being careful not to activate the firing mechanism

CO-AXIAL TECHNIQUE WITH DEDICATED GUIDING NEEDLE AG *
(CT and multiple sampling)

guiding needle AG



- A) Set the stopper “G” to the desired depth (1 marking = 1 cm)
- B) Insert the guiding needle AG into the patient to reach the point to biopsy (the supplied stabilising wings “F” may be mounted if found more comfortable)
- C) After having controlled the position with CT remove the stylet “E”, attach the already loaded SPRING-CUT (point I) using the attachment “A” rotating through 90°. At this moment the tips of both needles are perfectly aligned.
- D) Proceed to point III)

* TO BE ORDERED TOGETHER WITH THE **SPRING-CUT**

SPRING-CUT is available in the following calibres:

Gauge 14 - 2,0 mm - (dark green)
 Gauge 16 - 1,6 mm - (white)
 Gauge 18 - 1,2 mm - (pink)
 Gauge 20 - 0,9 mm - (yellow)

and in the following lengths:

7 - 9 cm	(only 18-20G)	(Pack. 10 pz.)
11 - 15 -20 cm	(all Gauges)	(Pack. 10 pz.)
47 cm	(only 14-16G)	(Pack. 5 pz.)

SPRING-CUT can be ordered:

alone	code SPG
combined with the dedicated guiding needle	code SPG-AG

How to compose the **SPRING-CUT** ordering code:

SPG gauge/length

i.g. SPG1811 = **SPRING-CUT** 18 Gauge/11 cm

i.g. SPG-AG 209 = **SPRING-CUT** 20Gauge/9cm + **Guiding Needle**