INSTRUCTIONS FOR USE OF THE GUILLOTINE CUTTING AUTOMATIC SOFT TISSUE BIOPSY INSTRUMENT

COLT® TC / MR SET version

1) Set the stopper (H) desired depth (1 marking = 1 centimeter)
2) Insert the needle guide AG into the patient to reach the lesion
3) Verify needle position by CT or MR (for MR-SET versions) scanning. Remove the stylet unscrewing the cap I
4) Control that the lever “D” is in the position P and that the safety catch “A” is not in the “ready” position
5) Load using both hands by pulling back on the coloured wings until they click into position
6) Insert body device into the cannula F and hook up the device body using E and H attachment
7) Grip the instrument as you would a gun or if more comfortable by inverting the grip (laparoscopy, rectal ultrasound probe)
8) Pull the safety catch A to ready position using thumb
9) Brace the wrist (to counteract kick-back), press the trigger until the first shot is heard (penetration of the stylet). After waiting a moment for the tissue to prolapse into the sample notch, press the trigger again to fire the cutting cannula.
10) Remove the instrument from the patient, uncover the sample notch by moving the level “D” into position P’

The device COLT can be used to perform multiple biopsies e.g. for prostate mapping; in this case proceeds from point 1) to point 9) and then proceeds as follow:

i) free body device slightly rotating the body device attachment E and keeping the cannula attachment A firmly.
ii) Recover the sample.
iii) Insert the safety catch, load the body device (as point 5)) and hook up it to the cannula remained in situ.
iv) Penetrate to reach the lesion
v) proceed from point 7)

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