CellVizio[®] real-time in vivo cellular imaging QUICK GUIDE TO LOAD AQ-FLEX[™] 19

The AQ-Flex[™] 19 is a Confocal Miniprobe[™] dedicated to needle-based Confocal Laser Endomicroscopy (nCLE) procedures

Before the procedure



Use a 19G needleExtract the stylet



 Use a new locking device
Twist it onto the proximal hub of the needle

- Firmly twist the

the safe position

locking device onto the

miniprobe to secure it in



- Open the locking device widely

- Insert the AQ-Flex[™] 19 inside the needle through the locking device

Gently pull the

probe to check

it is secure



Push the needle out from its sheathInsert the miniprobe



- Stop the miniprobe insertion once it reaches the safe position: 3 mm from the tip of the bevel

During the procedure



- Puncture the identified target lesion with the needle as per standard procedure (the miniprobe is pre-loaded but retracted)

After the procedure



- Extract the miniprobe and locking device assembly from the needle



- Twist the locking device and the probe back onto the needle

- Limit out-of-brochoscope needle curvature as much as possible (to reduce probe friction)



An example of pancreatic cyst

- Untwist the locking device (still

the needle, up to 1cm max)

locked with the probe) from the needle

(until the probe tip reaches the base of

- Retract the needle inside the sheath

At this point the miniprobe should be in contact with the tissue, and imaging can begin



 Remove the locking device from the miniprobe
Discard

Courtesy of Marc Giovannini, MD, Chief of Endoscopy - Gastroenterologist and Oncologist at Paoli-Calmettes Medical Institute, Marseille, France.

Cellvizio[®] I.V.E. with Confocal MiniprobesTM are regulated Medical Devices, CE marked (CE 0459) (Class IIa - NB : G-MED) and FDA cleared. Cellvizio[®] I.V.E. with Confocal MiniprobesTM is a confocal laser system with fiber optic probes that are intended to allow imaging of the internal microstructure of tissues including, but not limited to, the identification of cells and vessels and their organization or architecture. US Indications for use: Once connected to the Cellvizio[®] I.V.E.: The AQ-FlexTM 19 Confocal MiniprobesTM are intended to allow imaging of anatomical tracts, i.e., gastrointestinal and respiratory tracts, accessed by an endoscope, or endoscopic accessories (e.g. aspiration needles used during procedures including EUS-FNA, EBUS-TBNA and TBNA needles). CE marked Indications for use: Once connected to the Cellvizio[®] I.V.E.: The AQ-FlexTM 19 Confocal MiniprobesTM are intended to allow imaging *C* III *C* IIII *C* III *C* II

CE marked Indications for use: Once connected to the Cellvizio[®] I.V.E.: The AQ-Flex[™] 19 Confocal Miniprobes[™] are intended to allow imaging of anatomical tracts, i.e., gastrointestinal tracts and respiratory tracts accessed by an endoscope or endoscopic accessories, including through endoscopic needles.

