

List of EUS-FNA needles successfully used* with AQ-Flex™ 19 Confocal Miniprobe™

Pre-loading of the AQ-Flex™ 19 inside the needle before the procedure is mandatory.
Always use a locking device to lock the position of probe within needle.






PRODUCT NAME	BRAND	REF.	COMPAT.	OPERATING PROCEDURE
EchoTip® Ultra Endoscopic Ultrasound Needle	Cook Medical	ECHO-19	✓	Most commonly used
EZShot 2 Aspiration Needle	Olympus	NA-230H-8019	✓	Less commonly used
Expect™ Needle 19 Flex & Expect™ Slimline (SL) 19G	Boston Scientific	5004 5553	✓	High flexibility helps for transduodenal approaches
SonoTip® Pro Control	MediGlobe GmbH	GUS-33-21-019	✓	Less commonly used
SonoTip® II	MediGlobe GmbH	711652	✓	Less commonly used
BNX Fine Needle Aspiration System	Covidien	DSN-19-01	✓	
MTW 19G needle	MTW	961012718	✓	

* Only these needles have been tested for compatibility. If you want to use a needle that is not on the list, please ask your Mauna Kea Technologies contact or send an email to support@maunakeatech.com

Specific guidance on how to use the AQ-Flex™ 19 during EUS-FNA procedures

- Handle the AQ-Flex™ 19 with care
- Preload the probe inside the needle
- Do not push the probe too far out of the distal tip of the needle when preloading
- Do not twist the locking device too strongly on the probe when preloading
- Do not detach the locking device from the probe during the puncture

List of EUS-FNA needles unsuccessfully used* with AQ-Flex™ 19 Confocal Miniprobes™

PRODUCT NAME	BRAND	REF.	COMPAT.	OPERATING PROCEDURE
EchoTip® Ultra Endoscopic Ultrasound Access Needle	Cook Medical	ECHO-HD-19-A	✗	 <p>Not Recommended Pre-loading impossible (beveled stylet, flat needle)</p>
EchoTip® ProCore	Cook Medical	ECHO-HD-19-C	✗	 <p>Not Recommended Risk of damage with the distal hole in the needle</p>
Quick-Core® Endoscopic Ultrasound Needle	Cook Medical	EUSN-19-QC	✗	 <p>Not Recommended Risk of damage with the distal hole in the needle</p>
Acquire® Flexible Needle	Boston Scientific	5558	✗	 <p>Not Recommended Risk of damage with the bevel in the needle</p>
19G FlexNeedle™ Clearview	CONMED	CV2119R	✗	 <p>Not Recommended Pre-loading impossible</p>

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List of Aspirations needles successfully* used with AQ-Flex™ 19 Confocal Miniprobess™ in pulmonary tract

Pre-loading of the AQ-Flex™ 19 inside the needle before the procedure is mandatory.
Always use a locking device to lock the position of probe within needle.

PRODUCT NAME	BRAND	REF.	COMPAT.	OPERATING PROCEDURE
FleXNeedle® 18g	Broncus	10005-2	✓	

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List of coaxial needles successfully used with the AQ-Flex™ 19 IR Confocal Miniprobcs™

Coaxial needles (introducers) can come along with biopsy needles.

Please note that the AQ-Flex™ 19 IR probe can be used with coaxial needles (introducers) only. Pre-loading of the AQ-Flex™ 19 IR inside the coaxial needle before the procedure is mandatory. Always use a locking device to lock the position of probe within needle.



PRODUCT NAME	BRAND	COAXIAL NEEDLE (INTRODUCER) REF	COAXIAL NEEDLE (INTRODUCER) SIZE	COMPAT.	OPERATING PROCEDURE
Temno Evolution® biopsy Needle	Carefusion	CTT1811	17G	✓	Used for biopsy
		CTT1815			
		CTT1820			
		CTT2011	19G	✓	
		CTT2015			
		CTT2020			
		ACT1811	17G	✓	
		ACT1815			
		ACT1820			
		ACT2011	19G	✓	
		ACT2015			
		ACT2020			
CoAccess™ Introducer Set	Boston Scientific	16608780	16G	✗	Not recommended. Risk of damage (too large)
		16409986			
		16701673			

*** Only these needles have been verified for compatibility. If you want to use a needle that is not on the list, please ask your Mauna Kea Technologies contact or send an email to support@maunakeatech.com**

Mention of products marketed by third party companies is for informational purpose only. Mauna Kea Technologies assumes no liability for the use and operation of these products. This list is provided for informational purpose only and is based on bench tests performed with AQ-Flex™ 19 Confocal Miniprobe™. It does not constitute an endorsement nor a recommendation and Mauna Kea Technologies does not guaranty the compatibility of the AQ-Flex™ 19 with these needles. Confocal Miniprobe™ availability cannot be guaranteed in all countries. For further information, please contact your local sales representative.

Cellvizio® 100 Series systems with Confocal Miniprobcs™ are confocal laser systems 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® 100 Series system, Confocal Miniprobcs™, AQ-Flex™ 19, is 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® 100 Series system:

The AQ-Flex™ 19 Confocal Miniprobcs™ 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.

The AQ-Flex™ 19 IR Confocal Miniprobe™ is intended to provide visualization of body cavities, organs, and canals accessed by accessories used during interventional radiology procedures including, but not limited to catheters, endoscopic needles, coaxial needles and trocars.

China indications for use

AQ-Flex 19 miniprobe will be used during standard endoscopy. Once connected with Cellvizio system, AQ-Flex 19 will be inserted into channel of endoscope and the channel of its attachment, and imaging through the contact of tissue with the distal end. These tissue are in the gastrointestinal tract or respiratory tract, or adjacent to them.

