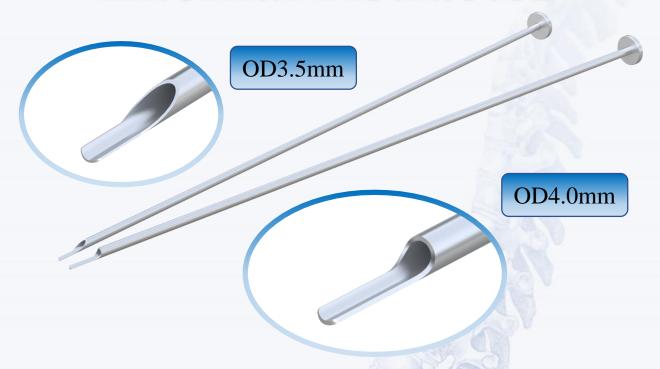
## Internal Retractor



Internal Retractor is used for percutaneous full-endoscopic (PfE) posterior discectomy. It can be inserted into the working channel of the PfE and retract nerves. Furthermore, 2.5mm forceps or radiofrequency bipolar coagulator can be inserted into the lumen of the internal retractor and manipulated at the same times. The internal retractor is also useful for two-steps safety nerve retraction. First, the nerve is retracted gradually by rotation and swinging of the internal retractor and scope, and then the outer sheath is rotated toward the nerve. The gap between the inner retractor and the outer sheath is small, so the nerve can be retracted safely. It is useful for safe and delicate manipulation around nerves in both the cervical and lumbar spine.

article	OD	ID	Length
4.0	4.0mm	3.0mm	300mm
3.5	3.5mm	3.0mm	300mm

\*The photo is not actual size. The size is subject to change without notice.

Various custom sizes are available.

Device name:経皮的全内視鏡内レトラクター

Registration Number: 21B2X10011000003

Device Class : Class I Adachi Industry Co.,Ltd.

TEL: 0575-22-0052 Vol.1-2022.3(P | / |)