

【KiSCO Co., Ltd.】

SYNCHA Spinal Endoscope System for Endoscopic Spine Surgery

KiSCO Co., Ltd., whose main office is in the Kobe Biomedical Innovation Cluster (KBIC), announced the launch in Japan of SYNCHA Endoscope System, a medical device that uses an endoscope for performing decompression surgery for lumbar disc herniation and lumbar spinal stenosis. The company intends to sell the product overseas as well in the near future.

As a treatment for lumbar disc herniation and lumbar spinal stenosis, decompression surgery is performed to expand the spinal canal by trimming the nucleus pulposus that protrudes into the spinal canal (hernia), or bone or ligament that narrow the spinal canal. Conventionally, a 10 to 15 cm incision is made in the back to extract the herniated disc or to expand the spinal canal. However, for the SYNCHA Spinal Endoscope System, such a large incision is not necessary, because SYNCHA has a tubular retractor 16-mm in diameter, which enables extraction of the herniated disc or expansion of the spinal canal less invasively with a 16-mm incision in the back. This contributes to improving the QOL of patients. In Japan, endoscopic spine surgeries have been performed for about 20 years, and KiSCO Co., Ltd. developed SYNCHA Spinal Endoscope System based on the knowledge accumulated from surgeries performed in the past. With improved operativity of the instrument and visibility of the technician, it is able to assist spine surgery under endoscopic observation.

KiSCO Co., Ltd. believes that the addition of this product will enable the company to offer opportunities to meet the wider medical needs of patients and contribute to health care practitioners. KiSCO intends to contribute to the health of people around world through the creation of markets by developing innovative products.

[Outline of SYNCHA]

Commonly used name:	Rigid lumbar endoscope for surgery
Trade name:	Rigid lumbar endoscope for surgery (Medical device authorization number: 301AFBZX00030000)
Purpose of use :	To provide images for observation, diagnosis or treatment of the lower back region for the posterior paramedian approach except for use in the central nervous system.
Date of certification:	August 16, 2019

[Photograph of the SYNCHA Spinal Endoscope System] [Image of the product]

