


Cerebral Corridor Creator Set



Company Profile

Shenzhen Shineyard Medical Device Co. Ltd. (SYM), established in 1995, is a Class III manufacturer of medical devices which is also a national high-tech enterprise. SYM has gained rich experience in R&D, quality control, regulatory and sales network. In 2015, after its strategic transformation SYM created an open and mutually beneficial project development platform, SYM-LAB, focusing on neurosurgery.



SYM-LAB

Doctors' clinical innovation is the core to promote medical progress.

Medical experts have rich clinical experiences and innovative product ideas and they know the market demands. SYM-LAB is the efficient platform to accelerate these ideas into clinical products. By cooperating with SYM Lab, experts not only witnessed their own ideas come into real products, but also gained considerable financial benefits from it.

SYM-LAB has cooperated with a number of well-known universities and large medical institutions with clinical trial qualification to research and develop a series of innovative medical products in neurosurgery.



Cerebral Corridor Creator Set (CCC)

A tubular brain retractor for minimal invasive brain surgery.

It is composed of three parts: soft retraction balloon and a transparent tube. The balloon is used to retract the brain tissue and create surgical corridor by gradually inflating and deflating of the balloon. The tube is used to fix and maintain the corridor, and protect brain during the operation to avoid surgical injury.

Part number:

Tube Model	Inner Diameter (mm)	Length (mm)
YB-5015	15mm	50mm
YB-7013	13mm	70mm

Corresponding size of balloon will be provided with the tube. More tube sizes coming soon.





Indications

The CCC set can be used for most brain surgeries that requires dilating the brain tissue. We recommend, but not limited to the following indicated pathologies:

Intracranial hematomas

Basal Ganglia, Lobes, Thalamus, Brainstem, Ventricles

Intracranial tumors

Arachnoid Cyst In The Brain, Peripheral Ventricle Tumors, Brain Parenchyma Tumors, Skull Base Tumors etc.

Small-middle size deep-seated brain lesions.

Key advantages of CCC:

- Unique concept in which approach and positioning of the brain-retractor are combined in one product.
- Soft dilation by the balloon which minimizes the increase of the intracranial pressure.
- Physical pressure is applied equally and radially on the brain tissue surrounding the tube which minimizes the amount of brain injury compared to traditional flat retractor blades. There is less chance of bleeding and no need for repeated electrocautery.
- The transparent circular tube wall gives a clearly visible operation view to the neurosurgeons, avoids overlap of tissue in the field of view and helps to observe the surrounding tissue.
- The tube can prevent the secondary damage of the surgical instrument to the surrounding brain tissue and avoid brain tissue collapse, to facilitate the resection.



Surgical application

CCC is a special designed surgical tool set that provide neurosurgeons an innovative and minimally invasive method to create surgical corridor.

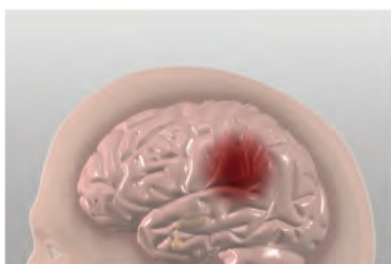
Optional accessories- Metal handle

The handle is a connection used when surgeons want to hold the tube by hands or fix the tube along with the fixation system.

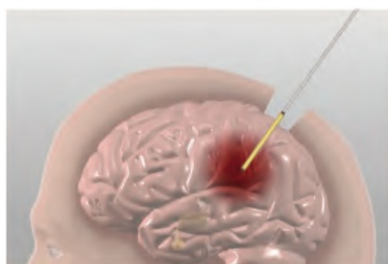
- It is reusable and easy to be attached on the tube stably;
- The stairs-shape design helps avoid miss-operation;
- It gives more operational space to the surgeon;
- All SYM non-handle tubes are compatible.



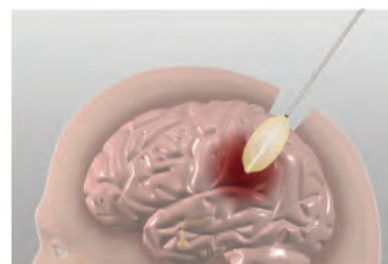
Procedure of use:



1. Preoperative procedures
(locate the lesion)



2. Puncture with the catheter



3. Inflate and deflate the balloon



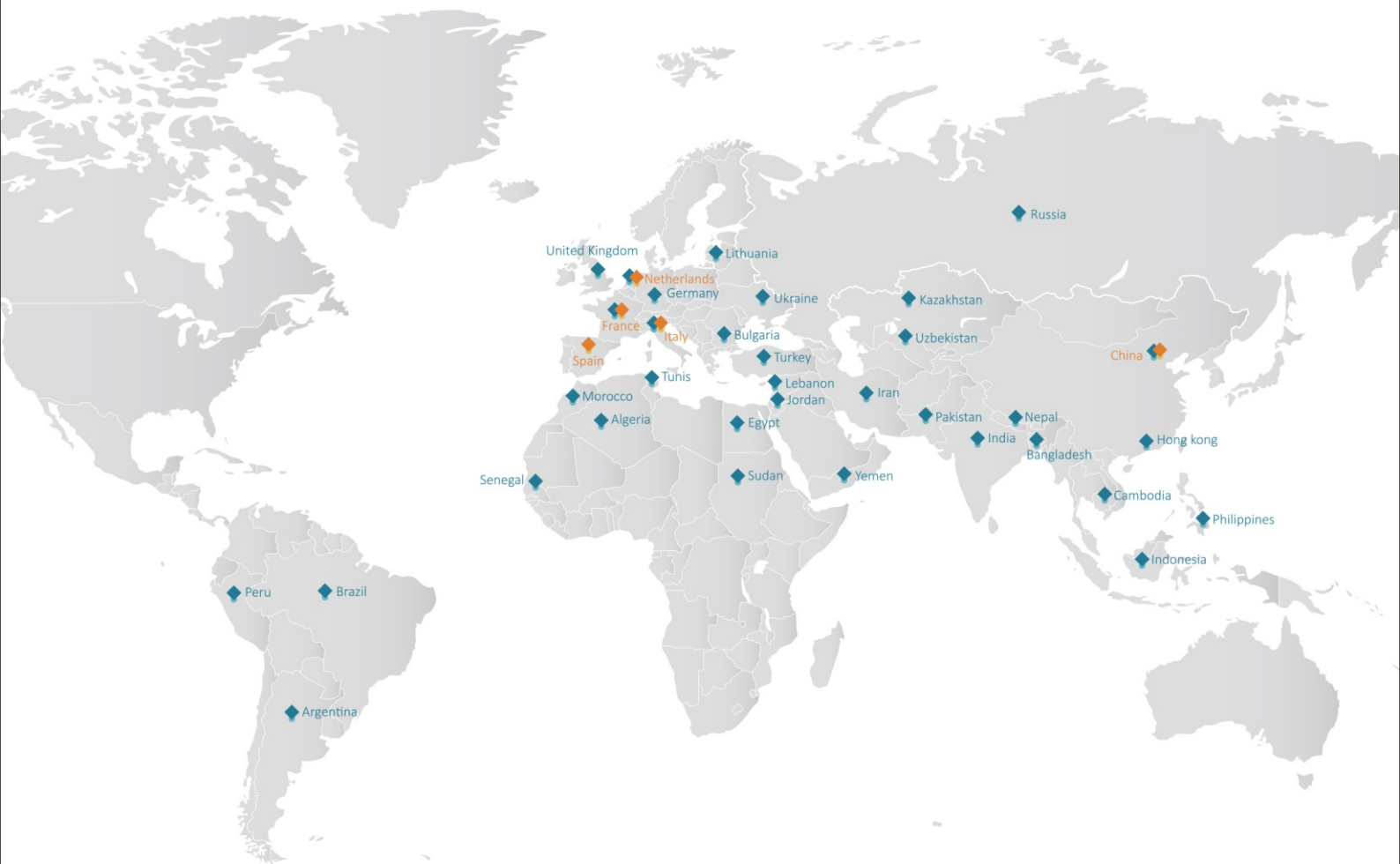
4. Insert the tube



5. Surgical procedure



6. Remove the tube



PBMV



Neurosurgical Products

Authorized distributor:



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