

LOBSTER Retractor System

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Hotry new design LOBSTER retractor system the was increased based on features including snake arm retractors, scalp hooks, hand rest handle, Fukushima Neuro Pattie Tray and bipolar cup.Two brand new modules was create which is “tumor retractor” and “endoscopic support”,LOBSTER retractor system still continuing to maintain the features of installing rapid and change freedom, provide comprehensive and efficient intraoperative support of neurosurgery.

A Retractor System Designed For 『 Modern Microsurgery 』

Fine

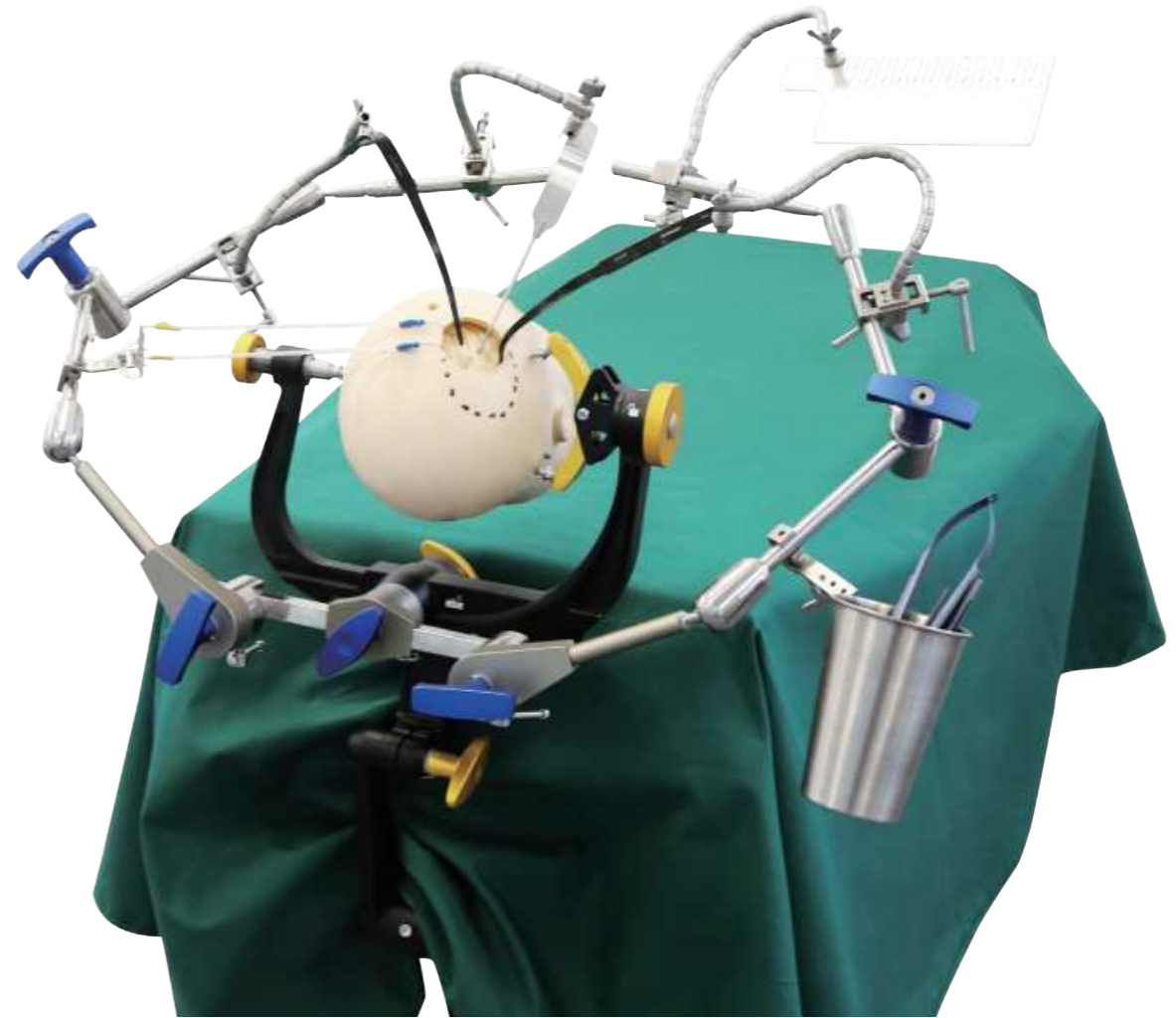
Based on the surgical progress, it can focus on different depth and direction to pull or strip the ” tumor ”thus it able to do many fine processing operations.

Variety

Support devices used during neurosurgery, like endoscopy, common instruments etc. These can be normalized on retraction systems placement, with concomitant use.

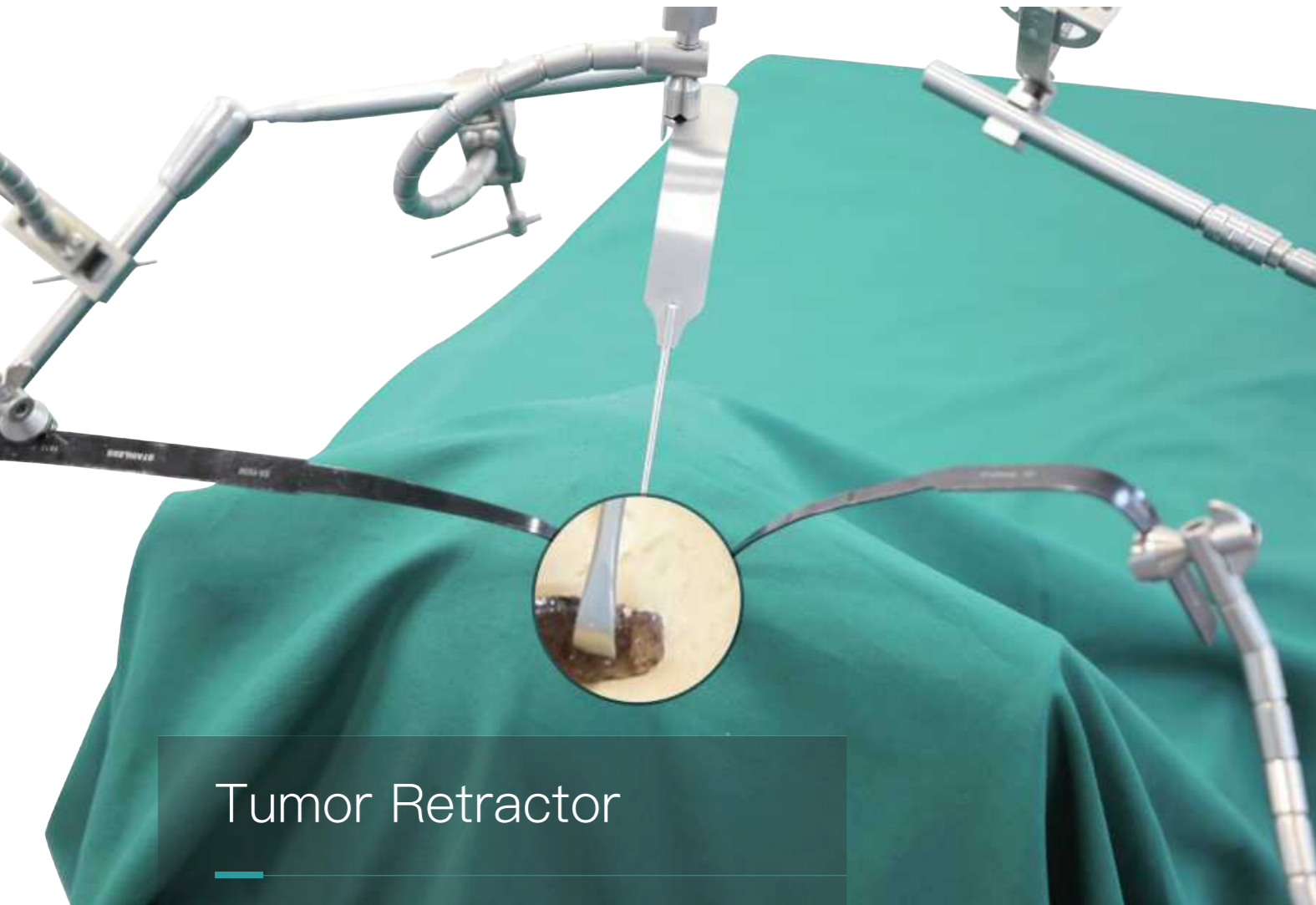
Quick

Depending on the procedure with different approaches, directions, and require needs , it can be performed quickly
Switch the retractor position or retractor state



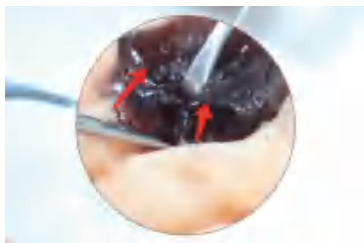
An Incredible 『 Micro Retractor System 』

- ☑ Support for composite and combined neurosurgery and modern medical devices
- ☑ Provide innovation support for modern microscopic neurosurgical delicate subtumoral manipulation
- ☑ Provide multi stance, comprehensive, and stable distraction support for more approaches versus surgical approaches
- ☑ The features were aligned, the retractor were stabilized, and structure the “around operating table’s solution” with construction of microscopic head frame, retractor system combine together



Tumor Retractor

The "tumor retractor" developed by the innovation, combined with the "LOBSTER" retractor system, it can stably pull and retract the tumor at 360°, so that the fine treatment of the tumor under the tumor and the tumor capsule can be carried out calmly and efficiently.



Provide Endoscopic Support For Combined Neurosurgery



The specially designed guide arm can not only provide traction for microsurgery. It can also provide support for endoscopy, navigation needle, in combined surgery.



LOBSTER Retractor System

01

Tumor retractor – pull and retract the tumor, let the operation under the tumor become more efficient and precise.

02

Provide fast and stable traction for any position during the operation

03

Scalp hooks – six tooth belt keyhole design, it can be used to hold the scalp hook and adjust its position

04

Neuro Pattie Tray–Compatible with different sizes of cotton pieces, standardized placement, ready to use

05

Four link structure, universal joint, double fixed joint, and the end can be replaced by the endoscope holding arm

06

Bipolar forceps cup, filled with normal saline, has minimized bipolar adhesion caused by tissue residue



LOBSTER Retractor System

Variety of use forms, according to different surgical approaches, different directions and different using require, it can quickly switch the retraction position or retraction state

State 1.

Single Support Hand Support Mode

Clip on expand connector, four link universal support arm



State 4.

Single Support And Retractor Mode + Hand Support Mode

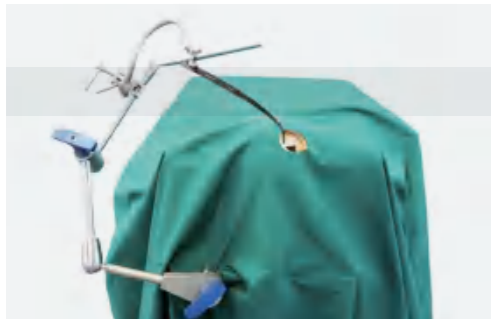
Clip on expand connector, four link universal support arm, snake arm retractors, Neuro Pattie Tray, Bipolar forceps cup



State 2.

Single Support And Retractor Mode

Clip on expand connector, four link universal support arm, snake arm retractors



State 5.

Single Support Retractor + Endoscopic Mode

Clip on expand connector, four link universal support arm, snake arm retractors, endoscope holding arm

State 3.

Single Support And Retractor Mode + Hand Support Mode A

Clip on expand connector, four link universal support arm, snake arm retractors







State 6.






Two Arms Retractor Mode

Clip on expand connector, four link universal support arm, snake arm retractors, Brain tumor retractor, snake arm retractors, connector, Neuro Pattie Tray, Bipolar forceps cup, scalp hooks



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Code	Parts	Description	Picture
HQ01-01	Universal Support Arm	Four link structure, double universal joints, double fixed joints, stainless steel. The total length is 750mm and the arm diameter is 12mm. Including: base fixed arm x1, arm length 180mm; Guide arm X2, single section length 185mm; The distal extension arm X1 is 180cm long; The distal extension arm can be replaced with a lenscopy holding arm.	
HQ01-02	Expand Connector	Aluminum alloy material, gear plate structure, single side slide rail arm span 120mm, with fixed device.	
HQ01-03	Converter	Stainless steel. It is used to connect the Bipolar forceps cup and the plug-in snake arm retractors.	
HQ01-250	Retractor	Exclusively developed flexible retractor, made of stainless steel, 250mm / 450mm two specifications are available.	

型号	名称	描述	图例
HQ01-04	Pattie Tray	Stainless steel.	
HQ01-05	Bipolar Forceps Cup	Stainless steel material, capacity 500ml, diameter 88mm, height 125mm.	
HQ01-06	Scalp Hooks	Stainless steel. The fixed end is 50mm, 6 teeth, and the tooth pitch is 4mm. Used for fixing scalp hook, etc.	
HQ01-07	Quick Connect Clamp	Stainless steel material, clamping range: 6-10mm.	
HQ01-08	Brain Tumor Retractor	Stainless steel, length 200mm, front hook width 2mm, used to pull tumor.	

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