

HNM

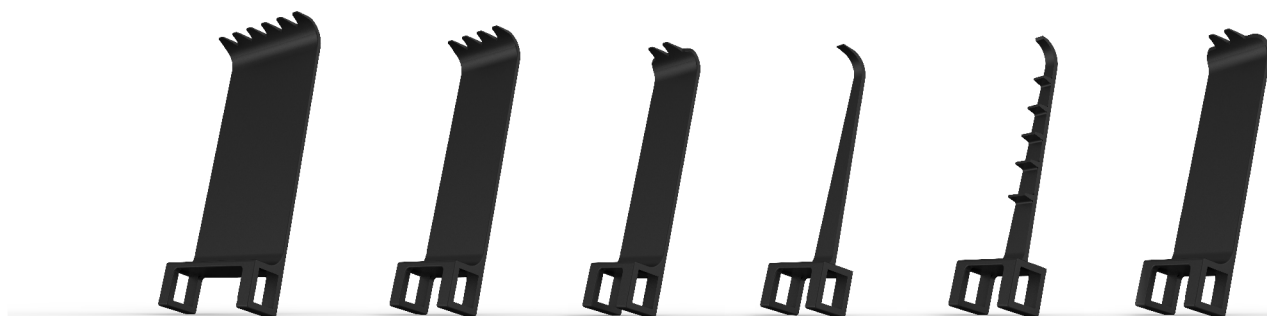
EMPOWERING INNOVATION



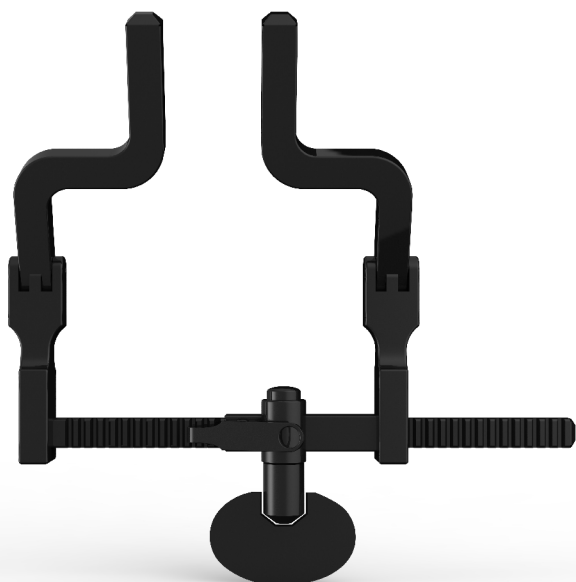
McCULLOCH SPINAL RETRACTOR

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McCulloch Micro Disectomy Retractor system allows the surgeon an optimal exposure of the Disc with minimum incision. The jointed arms folding along the patients back allow unhindered access around the wound. All light reflections under the Microscope are eliminated by the black finished surface. 6 different types of blades in different length give the surgeon full flexibility in approaches to the Disc.



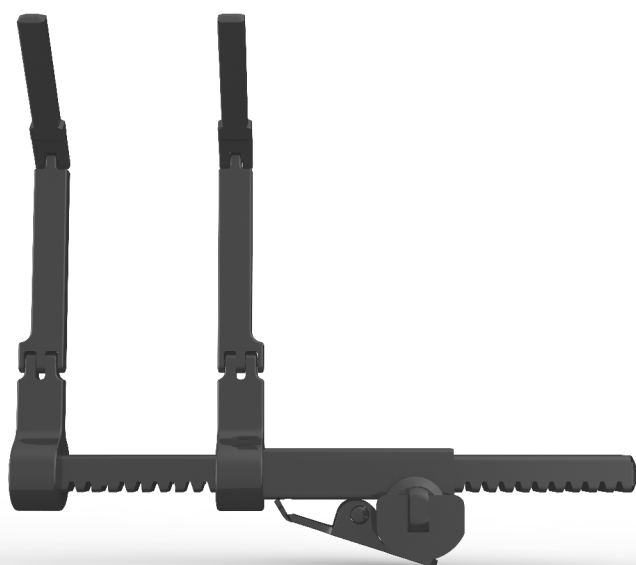
BLADE LENGTH	MUSCLE BLADE 27mm wide, 6 teeth	MUSCLE BLADE 20mm wide, 4 teeth	MUSCLE BLADE 17mm wide, 2 teeth	HOOK # 1	HOOK # 2 Toothed	CERVICAL BLADE 20mm wide, 2 teeth
20 mm				HNM-4-10-170420	HNM-4-10-170520	
30 mm	HNM-4-10-170130	HNM-4-10-170230	HNM-4-10-170330	HNM-4-10-170430	HNM-4-10-170520	
40 mm	HNM-4-10-170140	HNM-4-10-170240	HNM-4-10-170340	HNM-4-10-170440	HNM-4-10-170540	
50 mm	HNM-4-10-170150	HNM-4-10-170250	HNM-4-10-170350	HNM-4-10-170450	HNM-4-10-170550	HNM-4-10-170650
60 mm	HNM-4-10-170160	HNM-4-10-170260	HNM-4-10-170360	HNM-4-10-170460	HNM-4-10-170560	HNM-4-10-170660
70 mm	HNM-4-10-170170	HNM-4-10-170270	HNM-4-10-170370	HNM-4-10-170470	HNM-4-10-170570	HNM-4-10-170670
80 mm	HNM-4-10-170180	HNM-4-10-170280	HNM-4-10-170380	HNM-4-10-170480	HNM-4-10-170580	
90 mm	HNM-4-10-170190		HNM-4-10-170390			
Blade SET #1 large	HNM-4-10-170110	HNM-4-10-170210	HNM-4-10-170310	HNM-4-10-170410	HNM-4-10-170510	
	Set with 12 pcs.	Set with 12 pcs.	Set with 12 pcs.	Set with 12 pcs.	Set with 12 pcs.	
	2x30mm	2x30mm	2x30mm	2x20mm	2x20mm	
	2x40mm	2x40mm	2x40mm	2x30mm	2x30mm	
	2x50mm	2x50mm	2x50mm	2x40mm	2x40mm	
	2x60mm	2x60mm	2x60mm	2x50mm	2x50mm	
	2x70mm	2x70mm	2x70mm	2x60mm	2x60mm	
	2x80mm	2x80mm	2x80mm	2x70mm	2x70mm	
	HNM-4-10-170111	HNM-4-10-170211	HNM-4-10-170311	HNM-4-10-170411	HNM-4-10-170511	
	Set with 8 pcs.	Set with 8 pcs.	Set with 8 pcs.	Set with 8 pcs.	Set with 8 pcs.	
Blade SET #2 small	2x40mm	2x40mm	2x40mm	2x30mm	2x30mm	
	2x50mm	2x50mm	2x50mm	2x40mm	2x40mm	
	2x60mm	2x60mm	2x60mm	2x50mm	2x50mm	
	2x70mm	2x70mm	2x70mm	2x60mm	2x60mm	



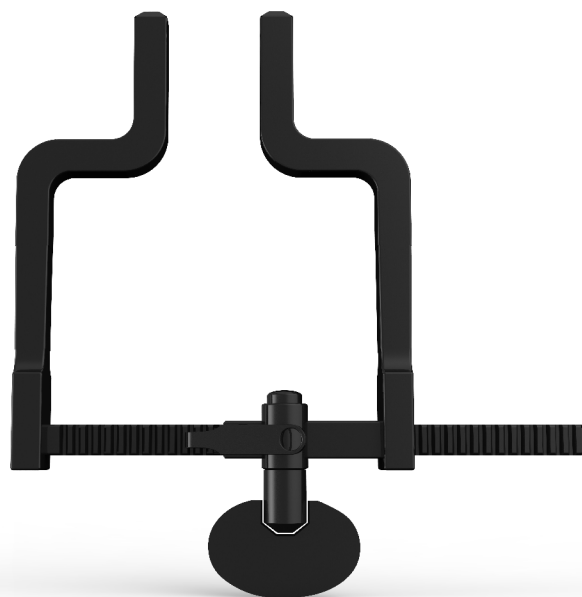
*HNM-4-10-170200
HNM Retractor frame with hinged arms*



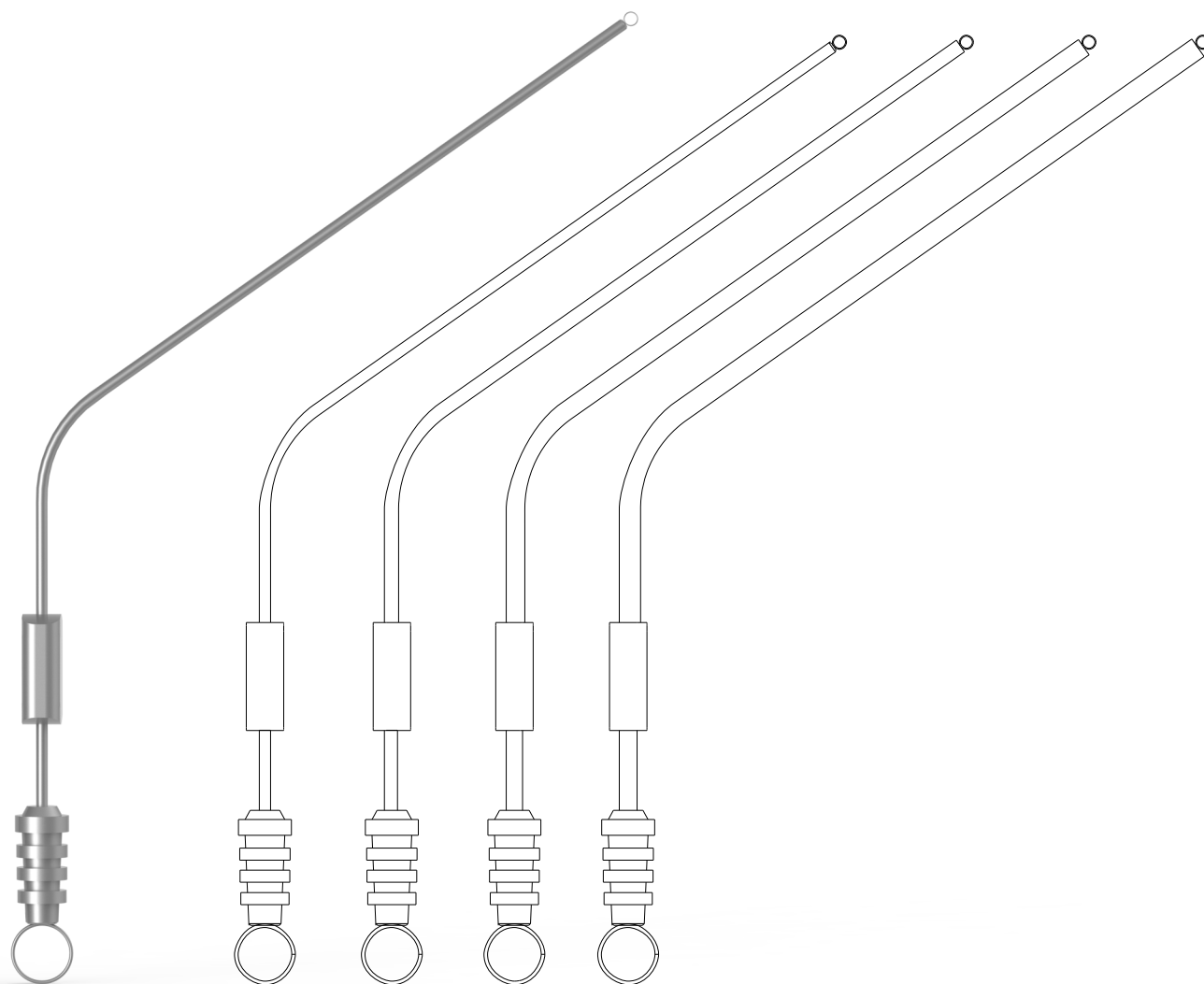
*HNM-4-10-170300
HNM Retractor, double hinged*



*HNM-4-10-170400
HNM Transversal Spreader, double hinged*

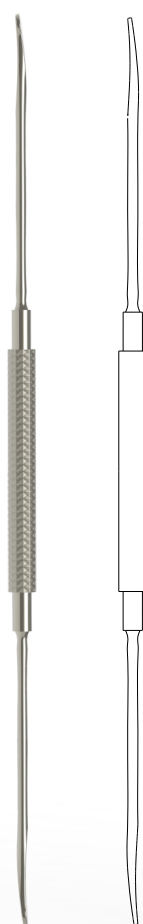


*HNM-4-10-170100
HNM Retractor frame*



Suction tubes
working length 125mm, 55°

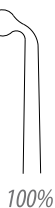
1,7mm	HNM-4-10-2045
2,3mm	HNM-4-10-2046
3,0mm	HNM-4-10-2047
4,0mm	HNM-4-10-2048



50%

*Blunt elevator
double ended*

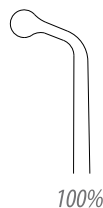
242mm HNM-4-10-1010



100%

*Ball tipped probe
tip 4mm*

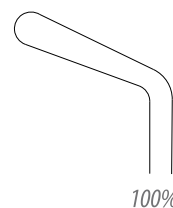
241mm HNM-4-10-1011



100%

*Ball tipped probe
tip 7mm*

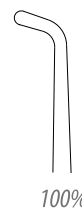
241mm HNM-4-10-1012



100%

*Foramion probe
tip 17mm*

241mm HNM-4-10-1013



100%

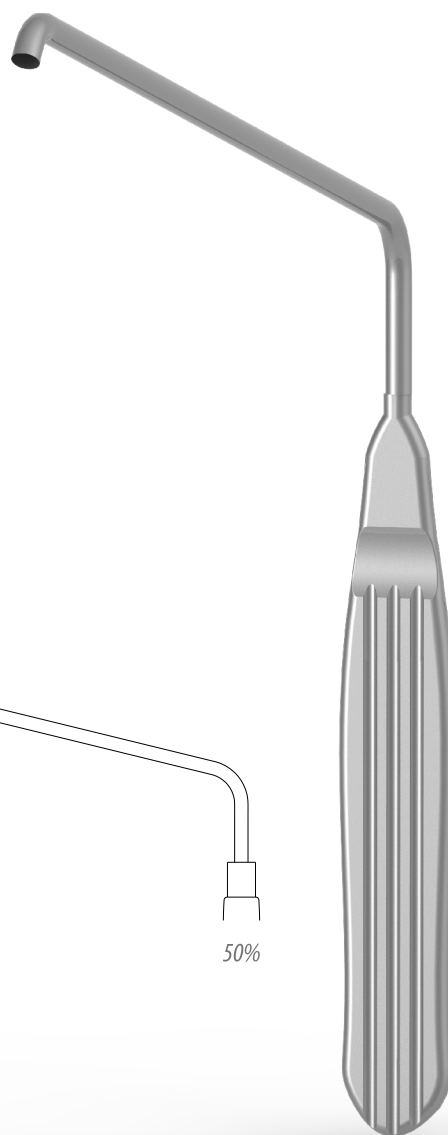
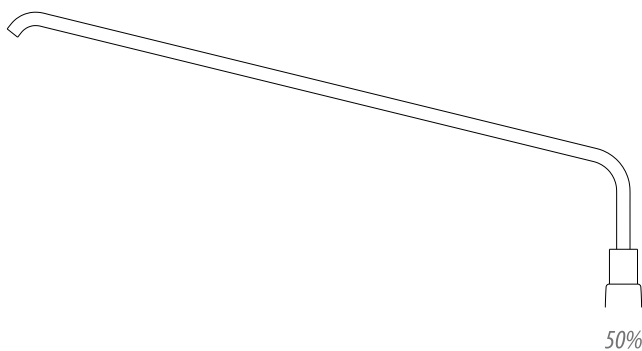
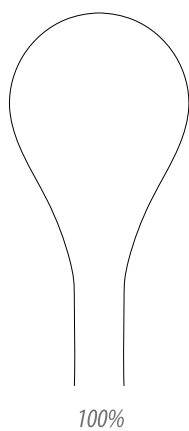
*Manipulation hook
tip 5mm*

238mm HNM-4-10-1014



Cobb elevator
19mm

267mm HNM-4-10-3314



Nerve root retractor
working length 125mm

80° angled HNM-4-10-1015



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