

Materials List for

# Minimally Invasive Endoscopic Intracerebral Hemorrhage Evacuation

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## Citation

Pan, J., Chartrain, A.G., Scaggiante, J., Allen, O.S., Hom, D., Bederson, J.B., Mocco, J., Kellner, C.P. Minimally Invasive Endoscopic Intracerebral Hemorrhage Evacuation. *J. Vis. Exp.* (176), e58217, doi:10.3791/58217 (2021).

## Date Published

October 15, 2021

## DOI

10.3791/58217

## URL

jove.com/video/58217

## Materials

Name	Company	Catalog Number	Comments
Artemis Device 2.8mm	Penumbra Inc.	AP28	Cannula Outer Diameter: 2.8mm. Cannula Length: 27cm. Aspiration Tubing Length: 9.5ft; The Food and Drug Administration (FDA) approved the Apollo System in 2014 for use in intraventricular hemorrhage (IVH) evacuation but its indication now includes ICH and the Artemis System was approved for the same IVH and ICH evacuation in 2017.
Artemis Device 2.1mm	Penumbra Inc.	AP21	Cannula Outer Diameter: 2.1mm. Cannula Length: 26cm. Aspiration Tubing Length: 9.5ft
Artemis Device 1.5mm	Penumbra Inc.	AP15	Cannula Outer Diameter: 1.5mm. Cannula Length: 27cm. Aspiration Tubing Length: 9.5ft
MAX Canister	Penumbra Inc.	APCAN2	
Pump MAX 110V	Penumbra Inc.	PMX110	
19-French Sheath	Aesculap USA	FH604SU	Outer Diameter: 6.33mm
Storz Lotta 3-port Endoscope	Karl Storz	28164 LA / 28164 LS	Outer Diameter: 6.1mm. Two ports for irrigation/suction (1.6mm). One working channel (2.9mm)
Medtronic AxiEM	Medtronic	UC201403939	An advantage of the Medtronic AxiEM system is it does not require pinning or line-of-site navigation.
High-speed drill with 5-mm cutting burr	Medtronic	9BA60	
Bone Wax	Ethicon	W31	
Hemostatic Gel Foam with Thrombin	J&J Healthcare	2994	
Bipolar Cautery	State of the Art	401102	
Aloka burr hole ultrasound transducer	Aloka	UST-52114P	
11-blade	Bard Parker	372611	

Penfield 1 instrument	Sklar Corp	47-2255	
AxiEM stylet	Medtronic	9735428	
Titanium plate	Depuy Synthes	04503023/04503024	
Titanium screws	Depuy Synthes	0450310301/0450310401	
DYNA CT on the Artis Q	Siemens Healthineers	A91AX-01343-33C1-7600	
3-0 Vicryl sutures	Ethicon	J416	
4-0 monocryl subcuticular stitches	Ethicon	Y426	
Steri-Strips	3M	R1547	