

# Preliminary Clinical Microneurosurgical Experience With Microvideoscope (ORBEYE) System for Microneurologic

Operative Neurosurgery

16, 707-716

DOI: [10.1093/ons/opy277](https://doi.org/10.1093/ons/opy277)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Neurosurgery for brain metastasis from breast cancer. <i>Translational Cancer Research</i> , 2020, 9, 5063-5076.	0.4	3
2	Mythri 1.0â€”Progress of an Indian Surgical Robot. <i>Indian Journal of Neurosurgery</i> , 2020, 9, 095-098.	0.1	1
3	High-Definition 4K 3D Exoscope (ORBEYETM) in Peripheral Nerve Sheath Tumor Surgery: A Preliminary, Explorative, Pilot Study. <i>Operative Neurosurgery</i> , 2020, 19, 480-488.	0.4	17
4	Microsurgery â€œUnder the Eavesâ€•Using ORBEYE: A Case of Dural Arteriovenous Fistula of the Anterior Cranial Fossa. <i>World Neurosurgery</i> , 2020, 138, 178-181.	0.7	14
5	Use of the ORBEYE<sup>TM</sup> Exoscope in General Surgery: The Advent of Video-Assisted Open Surgery. <i>Surgical Innovation</i> , 2021, 28, 79-84.	0.4	12
6	Four hands surgery for intracerebral hemorrhage using orbeye: Educational values and ergonomic advantages â€” A technical note. <i>Journal of Innovative Optical Health Sciences</i> , 2021, 16, 634-637.	0.5	6
7	Mechanism and design of a novel 8K ultra-high-definition video microscope for microsurgery. <i>Heliyon</i> , 2021, 7, e06244.	1.4	6
8	4K 3-dimensional video microscope system (orbeye) for transsphenoidal pituitary surgery. <i>Acta Neurochirurgica</i> , 2021, 163, 2097-2106.	0.9	18
9	A Single-Center Experience with the Olympus ORBEYE 4K-3D Exoscope for Microsurgery of Complex Cranial Cases: Technical Nuances and Learning Curve. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, 82, 484-489.	0.4	12
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11	Redefining standardsâ€”response to: introductions of technological innovations in neurosurgery. <i>Acta Neurochirurgica</i> , 2021, 163, 2095-2096.	0.9	0
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13	Clinical implementation of a 3D4K-exoscope (Orbeye) in microneurosurgery. <i>Neurosurgical Review</i> , 2022, 45, 627-635.	1.2	23
14	Evaluation of a Novel Three-Dimensional Robotic Digital Microscope (Aeos) in Neurosurgery. <i>Cancers</i> , 2021, 13, 4273.	1.7	11
15	Case Report: High-Definition 4K-3D Exoscope for Removal of an Orbital Cavernous Hemangioma Using a Transpalpebral Approach. <i>Frontiers in Surgery</i> , 2021, 8, 671423.	0.6	4
16	The impact of using a 4K 3D surgical microscope during associated liver partition and portal vein ligation for hepatocellular carcinoma treatment: A case report with operative video. <i>International Journal of Surgery Case Reports</i> , 2021, 85, 106195.	0.2	1
17	Three-dimensional 4K resolution video microscope in an orbitozygomatic approach for skull base tumor. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 26, 101315.	0.2	0
18	Shifting from the directly observation via eyepiece lens to the monitor viewing of the surgical field: a new era for the microsurgery in neurosurgery. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 78-79.	0.3	0

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20	Surgical Technique for Carotid Endarterectomy: Current Methods and Problems. Neurologia Medico-Chirurgica, 2020, 60, 419-428.	1.0	22
21	Retrosigmoid Approach in the Supine Position Using ORBEYE: A Consecutive Series of 14 Cases. Neurologia Medico-Chirurgica, 2020, 61, 55-61.	1.0	22
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28	The Exoscope in Neurosurgery: An Overview of the Current Literature of Intraoperative Use in Brain and Spine Surgery. Journal of Clinical Medicine, 2022, 11, 223.	1.0	51
29	The History and Innovations of Blood Vessel Anastomosis. Bioengineering, 2022, 9, 75.	1.6	10
30	Exoscope for Upper Extremity Peripheral Nerve Surgery: Revision Carpal Tunnel Release With Epineurolysis and Hypothenar Fat Flap. Cureus, 2022, 14, e22539.	0.2	0
31	Midline suboccipital approach to a vertebral arteryâ€“posterior inferior cerebellar artery aneurysm from the rostral end of the patient using ORBEYE. , 2022, 13, 87.		4
32	Commentary: Single-Center Experience Using a 3D4K Digital Operating Scope System for Aneurysm Surgery. Operative Neurosurgery, 2022, Publish Ahead of Print, .	0.4	0
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36	Preliminary Clinical Surgical Experience with Temporary Simultaneous Use of an Endoscope during Exoscopic Neurosurgery: An Observational Study. Journal of Clinical Medicine, 2022, 11, 1753.	1.0	1
37	Exoscope as a Teaching Tool: A Narrative Review of the Literature. Frontiers in Surgery, 2022, 9, 878293.	0.6	14

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38	5-ALA fluorescence-guided resection of pediatric low-grade glioma using the ORBEYE 3D digital exoscope: a technical report. <i>Child's Nervous System</i> , 0, , .	0.6	2
39	An Experience With an Exoscope System (ORBEYE) for Surgery for Tarsal Tunnel Syndrome: A Case Report. <i>Cureus</i> , 2022, , .	0.2	0
40	Efficacy of a High-definition Three-dimensional Exoscope in Simultaneous Transcranial and Endoscopic Endonasal Surgery: A Case Report. <i>NMC Case Report Journal</i> , 2022, 9, 243-247.	0.2	3
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44	Intraoperative Ergonomic Assessment of Exoscopes versus Conventional DIEP Flap. <i>Journal of Reconstructive Microsurgery</i> , 0, , .	1.0	0
45	Neurovascular Microsurgical Experience Through 3-Dimensional Exoscopy: Case Report and Literature Review. <i>World Neurosurgery</i> , 2023, 174, 63-68.	0.7	1
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53	A Brief Explanation on Surgical Approaches for Treatment of Different Brain Tumors. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 689-714.	0.8	0
58	Cerebral Angiography (Cerebral Aneurysm). , 2023, , 47-54.		0