

Simulation in neurosurgery: Past, present, and future

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Letter to the Editor: Neurosurgery skills training laboratories and curriculum: a supplement to Halstedian practice. Journal of Neurosurgery, 2016, 125, 1612-1613.	1.6	4
2	Letter to the Editor: Enlargement of the middle meningeal artery. Journal of Neurosurgery, 2016, 125, 1613-1615.	1.6	0
3	Operative simulation of anterior clinoidectomy using a rapid prototyping model molded by a three-dimensional printer. Acta Neurochirurgica, 2017, 159, 1619-1626.	1.7	8
4	Microsurgical Performance After Sleep Interruption: A NeuroTouch Simulator Study. World Neurosurgery, 2017, 106, 92-101.	1.3	9
5	Simulation training in neurosurgery: advances in education and practice. Advances in Medical Education and Practice, 2017, Volume 8, 465-473.	1.5	68
6	Virtual Reality-Based Simulators for Cranial Tumor Surgery: A Systematic Review. World Neurosurgery, 2018, 110, 414-422.	1.3	44
7	3D-Printed Craniosynostosis Model: New Simulation Surgical Tool. World Neurosurgery, 2018, 109, 356-361.	1.3	30
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9	Sully, Simulation, and Neurosurgery. World Neurosurgery, 2018, 118, 400-401.	1.3	5
10	Role of Immersive Touch Simulation in Neurosurgical Training. Comprehensive Healthcare Simulation, 2018, , 185-198.	0.2	1
11	Ventriculostomy Simulation in Neurosurgery. Comprehensive Healthcare Simulation, 2018, , 17-28.	0.2	4
12	Effectiveness of Cadaveric Simulation in Neurosurgical Training: A Review of the Literature. World Neurosurgery, 2018, 118, 88-96.	1.3	37
13	Developing a dynamic simulator for endoscopic intraventricular surgeries. Child's Nervous System, 2019, 35, 621-627.	1.1	11
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17	Novel Simulation Model with Pulsatile Flow System for Microvascular Training, Research, and Improving Patient Surgical Outcomes. World Neurosurgery, 2020, 143, 11-16.	1.3	13
18	Animal Based Surgical Training in Pineal Approaches. , 2020, , 123-131.		0

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19	Letter: Design and Validation of a Cervical Laminectomy Simulator using 3-Dimensional Printing and Hydrogel Phantoms. <i>Operative Neurosurgery</i> , 2020, 19, E220-E221.	0.8	0
20	Highly realistic simulation for robot-assisted hypothalamic hamartoma real-time MRI-guided laser interstitial thermal therapy (LITT). <i>Child's Nervous System</i> , 2020, 36, 1131-1142.	1.1	9
21	Role of virtual modules to supplement neurosurgery education during COVID-19. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 125-130.	1.5	9
22	Crisis Management Simulation: Review of Current Experience. <i>SunText Review of Neuroscience & Psychology</i> , 2021, 02, .	0.1	0
23	Simulation training for neurosurgical residents: Need versus reality in Indian Scenario. <i>Journal of Innovative Optical Health Sciences</i> , 2021, 16, 230.	1.0	0
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26	A Workshop for Training of Basic Neurosurgical Skills "From Microsurgery to Endoscopy": A Stepping Stone for Young Neurosurgeons. <i>Cureus</i> , 2018, 10, e3658.	0.5	0
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29	Perception-Lossless Codec of Haptic Data with Low Delay. , 2020, , .		9
30	A lecture series "neurosurgery in an Irish Medical School without an associated neurosurgical Centre. <i>British Journal of Neurosurgery</i> , 2022, 36, 372-376.	0.8	2
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33	Simulation and virtual reality in intracranial aneurysms neurosurgical training: a systematic review. <i>Journal of Neurosurgical Sciences</i> , 2022, 66, .	0.6	7
34	Access to training in neurosurgery (Part 1): Global perspectives and contributing factors of barriers to access. <i>Brain and Spine</i> , 2022, 2, 100900.	0.1	6
35	A High-Fidelity Agar-Based Phantom for Ultrasonography-Guided Brain Biopsy Simulation: A Novel Training Prototype with Visual Feedback. <i>World Neurosurgery</i> , 2022, 167, e333-e343.	1.3	0
36	Development of 3-dimensional printed simulation surgical training models for endoscopic endonasal and transorbital surgery. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	3

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37	Interval assessment using task- and procedure-based simulations: an attempt to supplement neurosurgical residency curriculum. <i>Neurosurgical Focus</i> , 2022, 53, E2.	2.3	2
38	Application of Three-Dimensional (3D) Printing in Neurosurgery. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-13.	1.8	2
39	Mechanical Characterization and Standardization of Silicon Scalp and Dura Surrogates for Neurosurgical Simulation. <i>World Neurosurgery</i> , 2023, 169, e197-e205.	1.3	0
40	Craniotomy Simulator with Force Myography and Machine Learning-Based Skills Assessment. <i>Bioengineering</i> , 2023, 10, 465.	3.5	0
41	Taming the exoscope: a one-year prospective laboratory training study. <i>Acta Neurochirurgica</i> , 2023, 165, 2037-2044.	1.7	3
42	Training at Skills Lab, Need of the Time?. <i>Neurology India</i> , 2023, 71, 567.	0.4	0
43	Neurosurgery as a Top-Drawer Choice for Residency in India: Reality or Myth?. <i>World Neurosurgery</i> , 2024, 183, e512-e521.	1.3	0
44	A review of brain injury at multiple time scales and its clinicopathological correlation through in silico modeling. <i>Brain Multiphysics</i> , 2024, 6, 100090.	2.3	0