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Title	Author	Year	Journal	Keywords	Link
Intra-operative applications of augmented reality in glioma surgery: a systematic review	Ragnhildstveit et al.	2023	Frontiers in surgery	Microscope Navigation, Gliomas, Mixed Reality, Augmented Reality	<a href="#">Go to article</a>
Postcentral Gyrus High-Grade Glioma: Maximal Safe Anatomic Resection Guided by Augmented Reality with Fiber Tractography and Fluorescein	Luzzi et al.	2022	World neurosurgery	Microscope Navigation, Elements SmartBrush, Elements Fibertracking, Augmented Reality, Gliomas	<a href="#">Go to article</a>
Augmented Reality to Compensate for Navigation Inaccuracies	Bopp et al.	2022	Sensors	Microscope Navigation, Cranial Navigation, Airo, Automatic Image Registration (AIR), Elements Object Management	<a href="#">Go to article</a>
Supratentorial high-grade gliomas: maximal safe anatomical resection guided by augmented reality high-definition fiber tractography and fluorescein	Luzzi et al.	2021	Neurosurgical focus	Microscope Navigation, Elements SmartBrush, Elements Fibertracking, Augmented Reality, Gliomas, 5 ALA	<a href="#">Go to article</a>
Correlation of the extent of tumor volume resection and patient survival in surgery of glioblastoma multiforme with high-field intraoperative MRI guidance	Kuhnt et al.	2011	Neuro-oncology	Microscope Navigation, Elements Image Fusion, IMRI, Extent Of Resection (EOR), Planned Subtotal Resection (STR), Glioblastoma	<a href="#">Go to article</a>
Augmented reality in the surgery of cerebral arteriovenous malformations: technique assessment and considerations	Cabrilo et al.	2014	Acta neurochirurgica	Cranial Navigation, Microscope Navigation, Augmented Reality, Arteriovenous Malformation (AVM), Minimal Invasiveness	<a href="#">Go to article</a>
Augmented reality in the surgery of cerebral aneurysms: a technical report	Cabrilo et al.	2014	Neurosurgery	Cranial Navigation, Microscope Navigation, Augmented Reality, Cerebral Aneurysm, Minimal Invasiveness	<a href="#">Go to article</a>
Augmented reality-assisted bypass surgery: embracing minimal invasiveness	Cabrilo et al.	2015	World neurosurgery	Cranial Navigation, Microscope Navigation, Augmented Reality, Bypass Surgery, Minimal Invasiveness	<a href="#">Go to article</a>
Use of intraoperative Doppler ultrasound with neuronavigation to guide arteriovenous malformation resection: a pediatric case series	Walkden et al.	2015	Journal of neurosurgery. Pediatrics	Cranial Navigation, Ultrasound Navigation, Extent Of Resection (EOR), Arteriovenous Malformation (AVM), Microscope Navigation	<a href="#">Go to article</a>
Head-up display may facilitate safe keyhole surgery for cerebral aneurysm clipping	Toyooka et al.	2018	Journal of neurosurgery	Cranial Navigation, Microscope Navigation, Head Up Display (HUD), Cerebral Aneurysm, Clipping	<a href="#">Go to article</a>



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Navigation-Linked Heads-Up Display in Intracranial Surgery: Early Experience	Mascitelli et al.	2018	Operative neurosurgery (Hagerstown, Md.)	Cranial Navigation, Microscope Navigation, Augmented Reality, Head Up Display (HUD)	<a href="#">Go to article</a>
Preoperative 3-Dimensional Angiography Data and Intraoperative Real-Time Vascular Data Integrated in Microscope-Based Navigation by Automatic Patient Registration Applying Intraoperative Computed Tomography	Carl et al.	2018	World neurosurgery	Cranial Navigation, Microscope Navigation, Elements Image Fusion, Arteriovenous Malformation (AVM), Cerebral Aneurysm, Automatic Image Registration (AIR)	<a href="#">Go to article</a>
Use of Frameless Stereotactic Navigation System Combined with Intraoperative Magnetic Resonance Imaging and 5-Aminolevulinic Acid	Giordano et al.	2019	World neurosurgery	Cranial Navigation, Microscope Navigation, VarioGuide, IMRI, Gliomas, 5 ALA	<a href="#">Go to article</a>
Augmented Reality in Transsphenoidal Surgery	Carl et al.	2019	World neurosurgery	Cranial Navigation, Microscope Navigation, Elements Segmentation Cranial, Augmented Reality, Elements Image Fusion, Transsphenoidal Surgery	<a href="#">Go to article</a>
Augmented Reality in Superficial Temporal Artery to Middle Cerebral Artery Bypass Surgery: Technical Note	Rychen et al.	2020	Operative neurosurgery (Hagerstown, Md.)	Cranial Navigation, Microscope Navigation, Augmented Reality, Bypass Surgery, 3D	<a href="#">Go to article</a>