

# GLOW800

A [neurosurgical video](#) that sheds light on the utility of a new imaging modality GLOW800 (Leica Microsystems, Wetzlar, Germany) in the resection of vascular tumors. We describe the surgical resection of posterior fossa hemangioblastoma in 2 different patients after informed consent was obtained. In the first case, no intraoperative angiographic imaging was used, while in the second case, GLOW800 was used. Because of its ability to overlay the augmented reality view on the surgical field, it allowed for localization of highly vascular tumors as seen in the second patient. In addition, it helped in the confirmation of the complete resection of the lesion. Another advantage of GLOW800 was that it allowed safe resection of the lesion in and around highly eloquent areas with a narrow surgical corridor (Video 1) <sup>1)</sup>.

<sup>1)</sup>

Abi-Aad KR, Almekkawi AK, Turcotte E, Welz ME, Rahme RJ, Patra DP, Lyons MK, Bendok BR. Utility of Augmented Reality Imaging (GLOW800) in Resection of Hemangioblastoma. World Neurosurg. 2020 Apr;136:294. doi: 10.1016/j.wneu.2019.12.090. Epub 2019 Dec 23. PMID: 31874289.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=glow800>

Last update: **2024/06/07 02:50**

