



UCSF Benioff Children's Hospitals are the first in Northern California to implement virtual reality for pediatric neurosurgical patients.

- Our pediatric neurosurgeons can now take patients on a 360°-3D virtual tour of their anatomy, rendered from CT and MRI scans. This provides the patient, their family and the entire health care team with an interactive shared decision-making opportunity regarding their treatment plan.
- This innovative technology provides our neurosurgeons with a never-before-seen vantage point of the anatomy and pathology of their patients' complex neurologic conditions. It also serves as a powerful medical education tool.
- The Surgical Theater visualization platform is also essential to the team when planning the surgical approach as well as navigating through the procedure in the operating room.



Kurtis Auguste, MD
Pediatric Neurosurgeon

Dr. Auguste successfully completed beta testing of VR technology created by Surgical Theater of Ohio at UCSF Benioff Children's Hospital Oakland in 2018, and has fully integrated VR into both pre-operative surgical planning and in the operating room.