

Thursday, December 3rd, 2pm ET

Presentation in Zoom, accessible via the C-STAR website:

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Presurgical language mapping: what are we testing?

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Low Grade Gliomas are infiltrating brain tumors that often occur in so-called 'eloquent' areas, areas that host motor or cognitive functions such as language. In order to avoid resection of areas important for language, the patients are awake during surgery in order to monitor their language functions. This is distressing for both the patient and the surgery team. Recently, protocols for navigated TMS have been developed for presurgical language mapping. This technique is rather advanced, but the language tests that are used are rather primitive. In this talk I will present a test that is a little more sophisticated and still suitable for pre- and intra-operative use. The results of healthy adults will show that there are still many problems to solve.

The online lecture can be followed online from your computer, tablet or smartphone, in **Zoom**. The zoom link is accessible via the C-STAR website: <http://cstar.sc.edu/lecture-series/>

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