

Cerebral regional tissue oxygenation (rSO2)

Significantly greater cerebral rSO2 changes occur for distal malfunction versus proximal malfunction after shunt tap, indicating its potential as an adjunct tool for detecting [shunt malfunction](#) type ¹⁾

¹⁾

Abramo TJ, Zhou C, Estrada C, Meredith M, Miller R, Pearson M, Tulipan N, Williams A. Innovative Application of Cerebral rSO2 Monitoring During Shunt Tap in Pediatric Ventricular Malfunctioning Shunts. *Pediatr Emerg Care*. 2014 Jun 4. [Epub ahead of print] PubMed PMID: 24901951.

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