

Cerebral oxygenation

The ideal head height should be 45 degrees during and after [endotracheal aspiration](#) in regard to maintaining [cerebral oxygenation](#) in neurosurgery [intensive care](#) patients. It is extremely important to monitor the cerebral oxygenation status of patients, with non-invasive measurement tools during and after endotracheal aspiration, to prevent secondary complications.

This study reveals the importance of raising the head 45 degrees in the best preservation of cerebral oxygenation values in neurosurgery intensive care patients. Intensive care nurses should pay attention to maintaining this head height ¹⁾.

Cerebral oxygenation monitoring

[Cerebral oxygenation monitoring](#)

¹⁾

Köstekli S, Çelik S, Keskin E. Evaluation of the effect of endotracheal aspiration at different head heights on oxygenation of the brain by non-invasive method in intensive care patients. J Clin Nurs. 2022 Mar 31. doi: 10.1111/jocn.16314. Epub ahead of print. PMID: 35362186.

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