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- Early research suggests a possible link between exposure to general anesthesia in infancy and early childhood and behavioral and developmental disorders later on.
- Children in the study exposed to general anesthesia were twice as likely
 as unexposed children to be diagnosed with such disorders.
- After adjusting for factors associated with behavioral and developmental disorders, including low birth weight and gender, the researchers concluded that children with a history of exposure to general anesthesia were nearly twice as likely to have a recognized developmental or behavioral disorder as children with no exposure.
- The findings are preliminary and must be confirmed.
- These findings were presented at the 2008 Annual Meeting of the American Society of Anesthesiologists in Orlando, FL by Dr. Lena S. Sun, MD, Columbia University, NYC.

Source: Advance for Speech-Language pathologists and Audiologists, November 24, 2008





































































































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Respondents who are using the new techniques on more than half of cases requiring an ABR have found:	
It had positive overall impact on patient during diagnostic tests	48%
Chose the new technology for the quality of diagnostic tests	90%
The test quality was on par with Sedated ABR's	61%
New technology helps to test a wider range of patients	70%

Conclusions • New techniques enable practical ABR evaluation in non-sedated pediatric patients. • The quality of Non-sedated ABR obtained with the new techniques is largely at par with sedated ABR using conventional equipment. • New techniques can be effectively used in electro-magnetically (NICU) and enable timely delivery of audiological assessment to the NICU population. • By eliminating the need of sedation and anesthesia in most cases, new techniques can reduce time-to-service timeline, reases, new techniques can reduce time-to-service timeline, enable timely goals.

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