

Visual analogue scale valid for assessing pediatric anxiety

21 July 2017



than those of low-anxious parents. There was a mean difference of 3.6 between parents' and anesthesiologists' VAS scores. Cut-offs of ≥ 37 mm and ≥ 30 mm were established for parents and anesthesiologists, respectively, to classify [anxious children](#).

"The present data provide preliminary data for the validity of a visual analogue scale to assess children's [anxiety](#) during induction," the authors write.

More information: [Abstract](#)
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2017 [HealthDay](#). All rights reserved.

(HealthDay)—A visual analogue scale (VAS) score is valid for assessing anxiety among children during induction of anesthesia, according to a study published online July 14 in *Pediatric Anesthesia*.

Johan M. Berghmans, M.D., from Queen Paola Children's Hospital in Belgium, and colleagues examined anxiety during induction of anesthesia among 401 [children](#) (aged 1.5 to 16 years) scheduled for daytime surgery. Parents and [anesthesiologists](#) rated children's anxiety during induction on a VAS, while the modified Yale Preoperative Anxiety Scale was used by a trained observer.

The researchers found that there were strong correlations between parents' and anesthesiologists' VAS and modified Yale Preoperative Anxiety Scale scores (0.68 and 0.73, respectively). Children aged ≥ 5 years had higher VAS scores than children aged ≥ 6 years. Children of highly anxious parents had higher VAS scores

APA citation: Visual analogue scale valid for assessing pediatric anxiety (2017, July 21) retrieved 21 September 2020 from <https://medicalxpress.com/news/2017-07-visual-analogue-scale-valid-pediatric.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.