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## 2007

Disma N, Lauretta D, Palermo F, Sapienza D, Ingelmo PM, Astuto M. [Level of sedation evaluation with Cerebral State Index and A-Line Arx in children undergoing diagnostic procedures](#). Pediatric Anesthesia 2007 17 (5), 445–451.

Cortínez L, Delfino A, Fuentes R, Muñoz H. [Performance of the Cerebral State Index during increasing levels of propofol anesthesia: A Comparison with the Bispectral Index](#). Anesth Analg 2007;104 605-610.

## 2006

Villagrasa D, Soto Ejarque JM, Durán JM, Crusat J, Navalpotro M, Simó M. [Neuromonitoring in the pre-hospital phase \(in Spanish\)](#). Spanish Society of Emergency Medicine. 18th Congress. Madrid. Spain

Soto Ejarque JM, Villagrasa D, Rodríguez López D, Catrino López R, Meléndez S, Escalada S. [Brain activity during vital suport maneuvres in cardio-respiratory arrest \(in Spanish\)](#). Spanish Society of Emergency Medicine. 18th Congress. Madrid. Spain

Alvarez JC, BE Rodriguez, L Trillo-Urrutia, EW Jensen. [Monitoring depth of anesthesia in children: BIS monitor and Cerebral State Monitor \(CSM\) \(S165\)](#). Anesth Analg 2006; 102; S-1-S-330

Anderson RE, J. G. Jakobsson. [Cerebral State Monitor, a new small handheld EEG monitor for determining depth of anaesthesia: a clinical comparison with the bispectral index during day-surgery](#). European Journal of Anaesthesiology 2006; 23: 208–212

Anderson RE, JG Jakobsson. [Cerebral state index: comparison between pairwise registrations from the left and the right sides of the brain](#). Br. J. Anaesth., September 2006; 97: 347 - 50.

Anderson RE, JG Jakobsson. [Cerebral state index response to incision: a clinical study in day-surgical patients](#). Acta Anaesthesiologica Scandinavica; 50(6): 749-53.

Bollen PJ, Saxtorph H. [Cerebral state monitoring in Beagle dogs sedated with medetomidine](#). Vet Anaesth Analg. 2006 Jul; 33(4):237-40

Bergonzi P, Turi S, Gonfalini M, Dedola E, Poli D. [Electroencephalographic Effects of Sevoflurane during General Anesthesia in Children: CSM™ vs BIS™](#). Anesthesiology 2006; 106 (3): A-551.

Bergonzi P, Turi S, Gonfalini M, Dedola E, Poli D. [Application of BIS™ and CSM™ to the Measurement of the Electroencephalographic Effect of Sevoflurane](#). Anesthesiology 2006; 106 (3): A-860.

Dedola E, Pasculi N, Rotta S, Bergonzi P, Poli D. [Electroencephalographic Effects of Propofol during General Anesthesia in Children: CSI™ vs BIS™](#). Anesthesiology 2006; 106 (3): A-954.

Disma N, D Lauretta, F Palermo, D Sapienza, P Mauricio Ingelmo, M Astuto. [Level of sedation evaluation with Cerebral State Index and A-Line Arx in children undergoing diagnostic procedures](#). Pediatric Anesthesia (OnlineEarly Articles).

Hoymork S, Jensen E, Raeder J. [Can CSM© Replace BIS© for Monitoring Hypnotic Effect during Propofol Anesthesia?](#). Anesthesiology 2006; 106 (3): A-858.

Jacobson E, R.E. Anderson, J.G. Jakobsson. [Sevoflurane consumption during routine day case anaesthesia: addition of nitrous oxide to fresh gas flow permits higher flows at no extra cost](#). European Journal of Anaesthesiology 2006; 23 (Suppl.37): A-48.

Jensen EW, BE Rodriguez, H Litvan. [Validation of the Cerebral State Index \(CSI\) during cardiac anesthesia](#). (S164), Anesth Analg 2006; 102; S-1-S-330

Jensen EW, H Litvan, M Revuelta, B Rodriguez, P Caminal, P Martinez, H Vereecke, MMRF Struys. [Cerebral State Index during Propofol Anesthesia: A Comparison with the Bispectral Index and the A-Line ARX Index](#). Anesthesiology: 105(1) July 2006 pp 28-36.

Kremastinou F, M. Skalistira, V. Tsekoura, V. Panagopoulou, A. Papadima, L. Georgiou. [Induction and intubation without muscle relaxants under cerebral state index monitoring \(CSM\)](#). European Journal of Anaesthesiology 2006; 23 (Suppl.37): A-366.

Pan YD, Guo QL, Zhong T. [Cerebral state index the in monitoring and evaluating the induction of anesthesia with target-controlled infusion of propofol in adults](#). Zhong Nan Da Xue Xue Bao Yi Xue Ban (Journal of Central South University. Medical Sciences). 2006 Jun; 31(3):437-40. Chinese

Pilge S, R Zanner, G Schneider, J Blum, M Kreuzer, E Kochs. [Time Delay of Index Calculation. Analysis of Cerebral State, Bispectral, and Narcotrend Indices](#). Anesthesiology 2006; 104:488-94

Pilge S, J. Blum, M. Kreuzer, G. Schneider, E.F. Kochs. [Does the Cerebral State Index differentiate between consciousness and unconsciousness – a prospective patient study](#). European Journal of Anaesthesiology 2006; 23 (Suppl.37): A-110.

Poli D, Bergonzi P, Gonfalini M, Turi S, Dedola E. [Cortical Monitoring with BIS and CSM during Propofol-Induced Sedation for Gastroenteric Endoscopy](#). Anesthesiology 2006; 106 (3): A-859.

Sepúlveda P, G. Nunez, A. Recart, I. Cortínez. [The time to peak effect and the CSI Index for estimation of the plasma effect site equilibration rate constant \(ke0\) for propofol](#). European Journal of Anaesthesiology 2006; 23 (Suppl.37): A-518.

Tang J, White P, Wender R. [Comparison of Cerebral State Index \(CSI\) and Bispectral Index \(BSI\) during Ambulatory Anesthesia](#). Anesthesiology 2006; 106 (3): A-372

Tang J, PF White, RH Wender. [Evaluation of Electroencephalographic Cerebral State Index \(CSI\) and Bispectral index \(BIS\) values during ambulatory anesthesia](#). (S14). Anesth Analg 2006; 102; S-1-S-330

Turi S, M. Gemma, A. Albertin, D. Poli, P.C. Bergonzi, E. Dedola. [Comparison of CSM and BIS monitoring during EUS of upper gastrointestinal tract](#). European Journal of Anaesthesiology 2006; 23 (Suppl.37): A-106.

White PF. [Use of cerebral monitoring during anaesthesia: effect on recovery profile](#). Best Pract Res Clin Anaesthesiol. 2006 Mar;20(1):181-9. Review.

Yang SH, Zhong T, Guo QL, Pan YD. [Bispectral index, cerebral state index and the predicted effect-site concentration at different clinical end-points during target-controlled infusion of propofol](#). Zhong Nan Da Xue Xue Bao Yi Xue Ban (Journal of Central South University. Medical Sciences). 2006 Dec; 31(6):929-33. Chinese

Zanner R, S. Pilge, G. Schneider, M. Kreuzer, E.F. Kochs. [Time delay of EEG index calculation: analysis of Narcotrend, Bispectral and Cerebral State Index using recorded EEG signals](#). European Journal of Anaesthesiology 2006; 23 (Suppl.37): A-107.

## 2005

Anderson RE, G. Barr, J. G. Jakobsson. [Cerebral state index during anaesthetic induction: a comparative study with propofol or nitrous oxide](#). Acta Anaesthesiologica Scandinavica; 49(6): 750

Jensen EW, B. Rodriguez, H. Litvan. [Pk value does depend on the fineness of the observer scale](#). Acta Anaesthesiol Scand; 49 (3): 427

Zhong T, Q. L. Guo, Y. D. Pang, L. F. Peng and C. L. Li. [Comparative evaluation of the cerebral state index and the bispectral index during target-controlled infusion of propofol](#). British Journal of Anaesthesia 2005 95(6):798-802