List of Full-Paper Publications
Transfer of normal 99mTc-ECD brain SPET databases between different gamma cameras.

Time course of inhaled anaesthetic drug delivery using a new multifunctional closed-circuit anaesthesia ventilator. In vitro comparison with a classical anaesthesia machine.
Br J Anaesth. 2005 Mar;94(3):306-17

Kalmar AF, Van Aken J, Caemaert J, Mortier EP, Struys MM.
Value of Cushing reflex as warning sign for brain ischaemia during neuroendoscopy.

Reversal by Org 25969 is not affected by sevoflurane compared with propofol: A-453.

Kalmar AF, Van Aken J, Struys MM.
Exceptional clinical observation: total brain ischemia during normal intracranial pressure readings caused by obstruction of the outflow of a neuroendoscope.

G. Tchounkachu, A. Baele, A. Kalmar, MRF Struys, L De Baerdemaeker
A Pilot study on Heart Rate Variability (HRV) during an inhalation bolus technique with sevoflurane or desflurane (preliminary results)
Acta Anaesth Bel. 2006; 57(2):198

Vanacker BF, Vermeyen KM, Struys MM, Rietbergen H, Vandermeersch E, Saldien V, Kalmar AF, Prins ME.
Reversal of rocuronium-induced neuromuscular block with the novel drug sugammadex is equally effective under maintenance anesthesia with propofol or sevoflurane.

Matthys KS, Kalmar AF, Struys MM, Mortier EP, Avolio AP, Segers P, Verdonck PR.
Long-term pressure monitoring with arterial applanation tonometry: a non-invasive alternative during clinical intervention?

The Effects of rapid increases in desflurane and sevoflurane concentrations on spirometry in humans during balanced anesthesia with remifentanil.
Acta Anaesth Bel. 2008;59(2):119
Influence of an increased intracranial pressure on cerebral and systemic haemodynamics during endoscopic neurosurgery: an animal model.

Pulmonary gas exchange is well preserved during robot assisted surgery in steep Trendelenburg position.

The influence of steep Trendelengburg position and CO2 pneumoperitoneum on cardiovascular, cerebrovascular and respiratory homeostasis during robotic prostatectomy.
* Selected by the BJA editorial board as CME-article

Kalmar AF, Heeremans EH, Foubert L, Dewaele F, Struys MMRF, Absalom A.
Study of the cerebral hemodynamic physiology during steep Trendelenburg position and CO2 pneumoperitoneum.
*Br J Anaesth.* Submitted

Pressure monitoring during neuro-endoscopy : New insights
*Br J Anaesth.* Accepted.

Dewaele F, Mabilde C, Blanckaert B, Van Roost D, Leybaert L, Vereecke H, Kalmar A, Kalala OJP, Baert E, Caemaert J
A novel design for steerable endoscopic instruments.
*Neurosurgery* Submitted.