Drug interactions in anaesthesiology, intensive care and pain medicine

Project description

This project is aimed to study the possible interactions of the drugs used anaesthesiology, intensive care and pain medicine.

Current topics

Effects of cytochrome P450 inhibitors and inducers on the pharmacokinetics and pharmacodynamics of opioid analgesics

Methods used

The possible interactions of substrates and inhibitors/inducers of cytochrome P450 isoenzymes are studied in healthy volunteers and patients. The interactions are quantified by observing the changes in pharmacokinetics and pharmacodynamics.

Selected publications


Olkkola KT, Kontinen VK, Saari TI, Kalso EA. Does the pharmacology of oxycodone justify its increasing use as an analgesic? Trends Pharmacol Sci. 34:206-14, 2013

Research group

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