



Anesthetics Interactions with Commonly Used Drugs—All about Fentanyl

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Message from the Guest Editor

Dear Colleagues,

Drug interactions continue to be a major problem, especially when they lead to clinically significant side effects. However, they can also produce synergistic effects, and are therefore useful, as they are most likely to have greater efficacy and lower toxicity compared to a single drug. Combination practice is also known for anesthetics administered before surgery. Nevertheless, these drugs can also be combined with other medications, either inadvertently (with CNS drugs chronically taken by patients, such as adrenergic blockers or antihistamines, etc.) or recreationally (mixed with opioids, alcohol or benzodiazepines).

In this context, fentanyl, a synthetic opioid anesthetic, has attracted considerable interest, as it can be easily manufactured illicitly. This drug is well-known for its potency and frequent fatal doses, and, currently, its role is not limited to an effective and popular anesthetic drug.

For this topic, reviews, case studies and research articles that aim to bring together the latest knowledge in the field of pharmacology and toxicology of fentanyl administered with different types of drugs are welcome.

Dr. Patrycja Kleczkowska

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