

**FORENSIC LITERATURE THESIS****LITERATURE THESIS**

Title	: Post-mortem redistribution of psychoactive medicinal drugs
Keywords	: forensic toxicology, psychoactive medicinal drugs, post-mortem redistribution
Forensic Expertise Area	: Forensic toxicology
Department	: Forensic toxicology
Institute/Company	: Institute of Legal Medicine and Forensic Sciences Catalonia
Supervisor	: Geli Gallego Herruzo
Email address	: ggallegoh@xij.gencat.cat
Telephone number	: +34.93.554.82.55
UVA Co-assessor	: Roelof Jan Oostra
UVA Coordinator	: Arian van Asten/Yorike Hartman

SHORT DESCRIPTION

Psychoactive medicinal drugs (PMD) are common medical treatments in the world. Moreover, these substances are commonly related to violent causes of death which need a forensic investigation. In those cases, toxicological studies are necessary and require to identify and to quantify these substances with laboratory techniques.

Quantitative results of PMD (antidepressant, antipsychotic, benzodiazepines, Z-drugs, opioids...) concentrations in post-mortem peripheral blood samples are often influenced by post-mortem redistribution phenomena. The knowledge of the patterns of how different type of PMD are redistributed in a death body is basic to make an accurate interpretation of the results.

The objective of this thesis is to make a review of the literature about the published alterations in the different types of PMD due to post-mortem redistribution phenomena. This review could help the interpretation of these results by the forensic doctor.

REFERENCES

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REQUIRED/RECOMMENDED EXPERTISE

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