

Special Issue

Advances in the Diagnosis and Prevention of Sudden Death

Message from the Guest Editors

The vast majority of cases of sudden death are attributable to events with cardiac etiology, such as fatal arrhythmias, acute myocardial infarction, cardiomyopathies, although acute fatal events with neurogenic or respiratory etiology are also possible. Diagnosing and preventing sudden deaths is certainly a major challenge, both for the clinician and for the pathologist. On the patient, clinical cases can be varied, with very different clinical presentations or often overlooked family histories for these events. On cadavers, on the other hand, the literature estimates that a significant proportion of sudden deaths, which can be estimated at around 1/3 of the cases, do not show diriment signs at post-mortem examination or show findings only suggestive of sudden death with no macroscopic or microscopic pathognomonic evidence. This invalidates the correct diagnosis of these events, making it difficult to identify them even in the post-mortem. The purpose of this Special Issue is to deepen research in the field of diagnostics and prevention of sudden deaths both in the patient and cadaver through the introduction of new research approaches.

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