

Supplemental Online Content

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eTable. Studies of Genetic Testing in Autopsy Confirmed SUD/SCD

eReferences

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1 Studies of Genetic Testing in Autopsy Confirmed SUD/SCD

First Author, year	Setting	Ages, in years	Study Population	Referred Cases [†]	Autopsy rate	Toxicology	Total Subjects, N	Genetic testing performed, N	Gene Panels Tested	P/LP variant yield
Bagnall ¹ 2016	Australia/ New Zealand 2010-2012, Prospective	1-35	SUD	NO (unselected cases)	75%	All cases	198	113	SADS Arrhythmia Cardiomyopathy	27%
Christiansen ² 2016	Denmark 2009-2011, Retrospective	1-50 Median 39	SUD	YES	100%	All cases	61	61	SADS Arrhythmia Cardiomyopathy	34%
Lahrouchi ³ 2017	Netherlands 1985-2015, Retrospective	18-33	SUD	YES	N/A	N/A	302	302	Arrhythmia Cardiomyopathy	13%
Hansen ⁴ 2020	Denmark 2005-2018, Retrospective	>1 Mean 39	SCD and Resuscitated SCA non- survivor	YES	72%	N/A	304	54	N/A	19%
Webster ⁵ 2021	United States 2014-2019, Prospective	1-44 Mean 24	SCD without known CVD*	YES	100%	74% of cases	103	103	Arrhythmia Cardiomyopathy	13%

CVD = cardiovascular disease; P/LP = pathogenic/likely-pathogenic; N/A = not applicable; SCA = sudden cardiac arrest;

SCD = sudden cardiac death; SUD = sudden unexplained death; VUS = variant of unknown significance

*selected cases referred for genetic testing with unknown denominator of total eligible cases

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