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### Diagnosis of sudden cardiac death due to early myocardial ischemia: An ultrastructural and immunohistochemical study

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**Supplementary Table 1.** Case profiles (n=17). IVA= interventricular anterior branch of left coronary.

	Age	Sex	Coronary lesions	Main changes at traditional histology	Heart weight (g)	Resuscitation enacted	<i>Post-mortem</i> interval (hours)
1	51	M	IVA subocclusion	Areas of coagulative necrosis	450	Yes	44
2	70	F	Trivasal coronaric atherosclerosis	Areas of coagulative necrosis	530	Yes	195
3	62	M	IVA subocclusion	Areas of coagulative necrosis	450	No	21
4	39	M	No	“Wavy fibers”, contraction bands	406	Yes	40
5	44	M	No (cocaine abuser)	“Wavy fibers”, contraction bands	450	No	54
6	68	M	Trivasal coronaric atherosclerosis	Areas of coagulative necrosis	528	Yes	35
7	47	F	No	“Wavy fibers”, contraction bands	290	Yes	11
8	82	M	Right coronaric subocclusion	Areas of coagulative necrosis	445	No	21
9	45	M	Subocclusion of common branch of left coronary artery	Areas of coagulative necrosis	465	No	27
10	51	F	Trivasal coronaric atherosclerosis	Areas of coagulative necrosis	350	No	170

11	39	F	Subocclusion IVA	“Wavy fibers”, contraction bands	320	Yes	80
12	74	M	Subocclusion of right cor + circumflex branch	Areas of coagulative necrosis	340	Yes	90
13	53	M	Thrombosis IVA, trivasaal coronaric atherosclerosis	Areas of coagulative necrosis	440	No	30
14	63	M	No	“Wavy fibers”, contraction bands, nuclear alterations	560	No	30
15	33	F	Yes (IVA 50%)	“Wavy fibers”, contraction bands, nuclear alterations	370	Yes	36
16	78	M	Yes (right coronaric subocclusion)	Areas of coagulative necrosis	620	Yes	68
17	51	M	Yes (occlusions of IVA and Circumflex)	“Wavy fibers”, contraction bands, nuclear alterations	600	No	96

**Supplementary Table 2.** Control profiles (n=10).

Age	Sex	Cause of death	Heart weight (g)	Resuscitation enacted	<i>Post-mortem</i> interval (hours)	
18	47	M	Gunshot wounds	390	No	42
19	60	F	Aortic dissection	300	Yes	135
20	56	M	Head and cervical trauma	330	No	32
21	41	M	Road traffic accident (decapitation)	300	No	16
22	43	M	Gunshot wounds	480	No	34
23	63	M	Fall from height	310	No	12
24	37	F	Fall from height	246	No	17
25	53	M	Road traffic accident	305	No	24
26	52	M	Gunshot wounds	350	No	56
27	39	F	Fall from height	250	No	22