Cardiology Research and Practice

TABLE 3: Demographic data and atherosclerosis severity according to causes of death.

	Asphyxia N = 13	Accident and homicide N = 115	Nonvascular illness N = 43	Vascular disease N = 14	P
Age, median (IQR)	14 (1–28.5)	31 (20–50)	41 (23–66)	68 (56–70)	<0.001
Gender (%)					
Female	9 (69.2)	45 (39.1)	22 (51.2)	2 (14.3)	0.01
Male	4 (30.8)	70 (60.9)	21 (48.8)	12 (85.7)	
Atherosclerosis severity by AHA grade					
None	1 (7.7)	0	3 (7.0)	0	
I–III	8 (61.5)	28 (24.3)	3 (7.0)	0	<0.001
IV-V	4 (30.8)	87 (75.7)	37 (86.0)	14 (100.0)	
Arterial territories with atherosclerosis					
0-1	3 (23.1)	1 (0.9)	3 (7.0)	0	
2-3	7 (53.8)	34 (29.6)	6 (14.0)	3 (21.4)	<0.001
4-5	3 (23.1)	80 (69.6)	34 (79.1)	11 (78.6)	
Atherosclerosis with stenosis >25%					
No	11 (84.6)	62 (53.9)	17 (39.5)	0	<0.001
Yes	2 (15.4)	53 (56.1)	26 (60.5)	14 (100.0)	

TABLE 4: Demographic data and vascular risk factors according to atherosclerosis severity.

	Atherosclerosis severity by grade		P	No. of arterial territories with atherosclerosis		P	Atherosclerosis with stenosis ≥25%		P
	I–III N = 39	IV-V N = 142		1–3 N = 53	4-5 N = 128		No N = 86	Yes N = 95	
Gender (%)									
Male	21 (53.8)	83 (58.5)	0.60	27 (50.9)	77 (60.2)	0.25	47 (54.7)	57 (60.0)	0.46
Female	18 (46.2)	59 (41.5)		26 (49.1)	51 (39.8)		39 (45.3)	38 (40.0)	
Age, median (IQR)	19 (6–24)	41 (28–65)	<0.001	20 (11–28)	45 (29–66)	<0.001	23 (14–33)	58 (34–70)	<0.001
Vascular risk factors (%)	n = 32	n = 86		n = 41	n = 77		n = 65	n = 57	
Hypertension	0	17 (19.8)	0.006	2 (4.9)	15 (19.5)	0.03	2 (3.1)	15 (26.3)	<0.001
Diabetes mellitus	0	12 (14.0)	0.03	1 (2.4)	11 (14.3)	0.05	1 (1.6)	11 (19.3)	0.002
Smoking	6 (18.8)	24 (27.9)	0.31	9 (22.0)	21 (27.3)	0.52	16 (26.2)	14 (24.6)	0.83
Alcohol use	8 (25.0)	24 (27.9)	0.75	8 (19.5)	24 (31.2)	0.17	18 (29.5)	14 (24.6)	0.54
BMI	n = 21	n = 84		n = 29	n = 76		n = 49	n = 58	
Overweight	6 (28.6)	31 (36.9)	0.13	6 (20.7)	31 (40.8)	0.006	14 (28.6)	23 (39.7)	0.03
Obesity	3 (14.3)	18 (21.4)	0.03	1 (6.9)	19 (25.0)	0.005	5 (10.2)	16 (27.6)	0.004
Abdominal obesity	n = 33	n = 130		n = 45	n = 118		n = 74	n = 89	
Men ≥ 102 cm; female ≥ 88 cm	4 (12.1)	38 (29.2)	0.04	8 (17.8)	34 (28.8)	0.15	12 (16.2)	30 (33.7)	0.01
Men ≥ 90 cm; female ≥ 80 cm	9 (27.3)	66 (50.8)	0.01	17 (37.8)	58 (49.2)	0.19	23 (31.1)	52 (58.4)	<0.001
Number of risk factors	n = 32	n = 86		n = 41	n = 77		n = 65	n = 57	
None	17 (53.1)	17 (19.8)		21 (51.2)	13 (16.9)		30 (46.2)	8 (14.0)	
1-2	13 (40.6)	44 (51.2)	0.001	15 (36.6)	42 (54.5)	<0.001	30 (46.2)	27 (47.4)	<0.001
3–5	2 (6.3)	25 (29.1)		5 (12.2)	22 (28.6)		5 (7.7)	22 (38.6)	