

Association Between Serum C1q Tumor Necrosis Factor-Related Protein 9 With the Clinical Characteristics and Prognosis of Ischemic Stroke

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ARTICLE NOTE:

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Supplementary Table 1 Demographics and clinical characteristics of IS-CE group and IS-non-CE

group

Variable	IS-CE (n=64)	non-IS-CE(n=238)	<i>P</i> value
Age, y	67 (59.25-71)	63.50 (53-73)	0.108
Man	35 (54.69)	156 (65.55)	0.110
BMI, kg/m ²	24.13 (22.35-25.57)	24.78 (22.66-26.32)	0.279
Cigarette smoking	24 (37.5)	120 (50.42)	0.066
Alcohol consumption	22 (34.38)	98 (41.18)	0.324
Atrial fibrillation	48 (75.00)	19 (7.98)	< 0.001
Hypertension	30 (46.88)	169 (71.00)	< 0.001
Diabetes mellitus	16 (25)	84 (35.29)	0.120
Hyperlipemia	7 (10.94)	59 (24.79)	0.017
SBP, (mmHg)	135.12 (20.27)	147.71 (19.89)	< 0.001
DBP, (mmHg)	82 (74-90.75)	90 (79-98)	0.003
Volume, (cm ³)	3.44 (1.59-20.63)	1.72 (0.61-6.06)	< 0.001
WBC, (×10 ⁹ /L)	7.66 (5.63-10.01)	6.96 (5.69-9.08)	0.201
CRP, (mg/L)	3.49 (1.79-18.25)	2.46 (1.03-7.46)	0.007
Fasting glucose, (mmol/L)	5.74 (5.00-7.42)	5.62 (4.97-7.55)	0.883
HbA1c, (%)	5.9 (5.6-6.50)	6.00 (5.50-7.20)	0.992
TC, (mmol/L)	4.28 (3.58-5.14)	4.86 (3.99-5.90)	< 0.001
TG (mmol/L)	1.03 (0.85-1.40)	1.40 (0.99-2.05)	< 0.001
HDL-C (mmol/L)	1.34 (1.13-1.54)	1.29 (1.11-1.64)	0.820
LDL-C (mmol/L)	2.40 (1.77-2.78)	2.89 (2.23-3.74)	< 0.001
NIHSS	8.5 (4.25-13)	6.00 (4.00-10.00)	0.004
CTRP9, (ng/mL)	106.45 (72.78-154.93)	83.02 (57.66-109.41)	< 0.001
CTRP9/TC	26.01 (17.02-37.97)	16.19 (12.33-22.61)	< 0.001
CTRP9/TG	94.30 (60.19-173.45)	56.66 (35.75-95.36)	< 0.001
CTRP9/LDL-C	42.70 (32.56-69.90)	35.55 (20.28-39.30)	< 0.001
CTRP9/HDL-C	90.11 (51.29-124.08)	61.47 (43.08-83.36)	< 0.001

Values are given as the median (IQR) or as a number (n) with the percentage in parenthesis

CE cardioembolic, BMI body mass index, AF atrial fibrillation, SBP systolic blood pressure, DBP diastolic blood pressure, WBC white blood cell, CRP C-reactive protein, HbA1c hemoglobin A1c, TC total cholesterol, TG triglyceride, HDL-C high-density lipoprotein cholesterol, LDL-C low-density lipoprotein cholesterol, CTRP9 C1q TNF related protein 9.

Supplementary Table 2 Demographics and clinical characteristics of three groups

Variable	1 st tertile (n=100)	2 nd tertile (n=102)	3 rd tertile (n=100)	<i>P</i> value
Age, y	64.5 (53-71.75)	64 (54-73)	66 (55-76)	0.264
Man	64 (64)	71 (69.61)	56 (59)	0.131
BMI, kg/m ²	24.44 (22.04-26.48)	24.10 (22.60-25.67)	24.83 (22.82-26.38)	0.306
Cigarette smoking	52 (52)	48 (47.06)	44 (44)	0.520
Alcohol consumption	45 (45)	39 (38.24)	56 (56)	0.110
AF	21 (21)	13 (12.75)	33 (33)	0.002
Hypertension	72 (72)	70 (68.63)	57 (57)	0.063
Diabetes mellitus	27 (27)	39 (38.24)	34 (34)	0.231
Hyperlipemia	19 (19)	24 (23.53)	23 (23)	0.697
SBP, (mmHg)	141.94 (19.84)	144.37 (19.77)	148.84 (21.73)	0.055
DBP, (mmHg)	84 (78-94)	90 (79.25-98.25)	86.50(78.25-98.00)	0.352
Volume, (cm ³)	1.19 (0.60-3.17)	2.48 (0.85-6.25)	3.89 (0.97-9.09)	< 0.001
WBC, (×10 ⁹ /L)	7.04 (5.79-9.07)	6.99 (5.59-9.40)	7.14 (5.58-7.07)	0.996
CRP, (mg/L)	2.33 (0.86-5.62)	2.36 (1.05-8.68)	3.58 (1.79-12.40)	0.020
Fasting glucose, (mmol/L)	5.51 (4.88-6.60)	5.95 (5.08-8.80)	5.58 (4.77-7.07)	0.038
HbA1c, (%)	5.80 (5.32-6.30)	6.10 (5.60-7.60)	6.00 (5.60-7.18)	0.013
TC, (mmol/L)	4.43 (3.72-5.22)	5.00 (3.86-5.83)	4.87 (3.99-6.39)	0.006
TG, (mmol/L)	1.32 (0.96-1.79)	1.37 (1.02-2.10)	1.14 (0.84-1.81)	0.097
HDL-C, (mmol/L)	1.33 (1.11-1.65)	1.26 (1.09-1.54)	1.37 (1.12-1.71)	0.198
LDL-C, (mmol/L)	2.63 (2.08-2.91)	3.01 (2.05-3.80)	2.91 (2.26-3.99)	0.001

Values are given as the median (IQR) or mean (SD) as a number (n) with the percentage in parenthesis

1st tertile CTRP9≤71 ng/mL, 2nd tertile CTRP9 71–104 ng/mL, 3rd tertile CTRP9>104 ng/mL, BMI body mass index, AF atrial fibrillation, SBP systolic blood pressure, DBP diastolic blood pressure, WBC white blood cell, CRP C-reactive protein, HbA1c hemoglobin A1c, TC total cholesterol, TG triglyceride, HDL-C high-density lipoprotein cholesterol, LDL-C low-density lipoprotein cholesterol, CTRP9 C1q TNF related protein 9