

Supplementary Table 1. Descriptive statistics and group comparisons for NSTEMI and STEMI groups under 'No Smoking' and 'Smoking' categories.

Variables	No Smoking n=111(49.6%)				Smoking n=113(50.4%)				p*	p#
	Total	NSTEMI, n=59(53.2%)	STEMI, n=52(46.8%)		Total	NSTEMI, n=59(52.2%)	STEMI, n=54(47.8%)			
Platelet index	3.69(2.49~5.10)	3.69(2.50~5.09)	3.70(2.48~5.25)	0.697	3.42(2.33~5.44)	3.34(2.35~5.36)	3.15(2.27~5.48)	0.633	0.379	
Platelet count	209(177~253)	211(177~255)	207(177.25~252.75)	0.741	226(175~265.5)	226(172~264)	228(175.5~268.5)	0.603	0.336	
PDW	16.7(16.30~17.0)	16.7(16.2~17.0)	16.6(16.3~17.0)	0.831	16.6(16.3~17.0)	16.5(16.3~17.0)	16.6(16.3~17.0)	0.982	0.859	
PCT	0.18(0.14~0.22)	0.18(0.15~0.22)	0.17(0.14~0.22)	0.906	0.19(0.15~0.22)	0.19(0.14~0.22)	0.18(0.16~0.22)	0.856	0.476	
MPV	8.5(7.8~9.0)	8.70(8.00~9.45)	8.30(7.77~8.80)	0.013		8.5(7.8~9.1)	8.45(7.90~9.20)	0.679	0.633	
Creatine	0.78(0.67~0.95)	0.81(0.70~1.01)	0.73(0.66~0.89)	0.022	0.75(0.66~0.91)	0.75(0.66~0.91)	0.75(0.66~0.92)	0.567	0.316	
Urea	29.0(23.0~35.0)	31.0(21.5~37.5)	28.0(23.0~34.0)	0.413	26.0(21.0~32.0)	27.0(22.0~32.0)	24.0(20.25~32.0)	0.334	0.035	
Glucose	125.0(105.0~13.0)	115(101.5~145.5)	129.0(113.75~196.0)	0.020	118.0(106.0~158.0)	114.0(103.0~158.0)	126.0(109.0~194.75)	0.037	0.973	
Cholesterol	187.0(160.0~221.0)	199.0(162.5~221.5)	185.0(159.5~222.5)	0.591	188.0(163.0~225.0)	181.0(166.0~225.0)	197.0(159.0~224.0)	0.313	0.768	
LDL-C	119.0(96.0~150.0)	124.0(98.5~151.5)	112.0(92.25~149.75)	0.638	122.0(97.0~147.0)	117.0(89.0~147.0)	128.0(99.5~149.25)	0.181	0.883	
HDL-C	38.0(32.0~45.0)	40.0(33.0~46.0)	37.0(31.0~43.25)	0.319	38.0(33.0~43.0)	39.0(34.0~43.0)	37.0(32.0~42.0)	0.200	0.928	

*: The p-value for the comparison between NSTEMI and STEMI under the 'No Smoking' and 'Smoking' groups, #: The p-values for the comparison of total values between the 'No Smoking' group and the 'Smoking' group. PDW:Platelet Distribution Width, PCT:Plateletcrit, MPV:Mean Platelet Volume, LDL-C: Low-density Lipoprotein Cholesterol, HDL-C: High-density Lipoprotein Cholesterol.

Supplementary Table 2. Descriptive statistics and group comparisons for Smoking groups under NSTEMI and STEMI categories.

Variables	NSTEMI n=118(52.7%)				STEMI n=106(47.3%)				
	Total	No Smoking, n=59(50.0%)	Smoking, n=59(50.0%)	p*	Total	No Smoking, n=52(49.1%)	Smoking, n=54(50.9%)	p*	p#
Platelet index	3.53(2.45~5.19)	3.69(2.50~5.09)	3.34(2.35~5.36)	0.541	3.48(2.43~5.44)	3.70(2.48~5.25)	3.15(2.27~5.48)	0.552	0.547
Platelet count	217(175.75~261.25)	211(177~255)	226(172~264)	0.476	218(176.75~261.5)	207(177.25~252.75)	228(175.5~268.5)	0.559	0.550
PDW	16.7(16.2~17.0)	16.7(16.2~17.0)	16.5(16.3~17.0)	0.918	16.6(16.3~17.0)	16.6(16.3~17.0)	16.6(16.3~17.0)	0.977	0.834
PCT	0.18(0.14~0.22)	0.18(0.15~0.22)	0.19(0.14~0.22)	0.653	0.18(0.15~0.22)	0.17(0.14~0.22)	0.18(0.16~0.22)	0.536	0.903
MPV	8.6(7.92~9.27)	8.70(8.00~9.45)	8.5(7.8~9.1)	0.182	8.4(7.8~8.9)	8.30(7.77~8.80)	8.45(7.90~9.20)	0.467	0.048
Creatine	0.77(0.67~0.95)	0.81(0.70~1.01)	0.75(0.66~0.91)	0.031	0.74(0.66~0.89)	0.73(0.66~0.89)	0.75(0.66~0.92)	0.413	0.200
Urea	29.0(22.0~35.0)	31.0(21.5~37.5)	27.0(22.0~32.0)	0.127	26.5(22.0~32.25)	28.0(23.0~34.0)	24.0(20.25~32.0)	0.088	0.252
Glucose	114.5(102.25~149.75)	115(101.5~145.5)	114.0(103.0~158.0)	0.939	127.5(109.75~196.0)	129.0(113.75~196.0)	126.0(109.0~194.75)	0.822	0.002
Cholesterol	188.0(165.25~221.75)	199.0(162.5~221.5)	181.0(166.0~225.0)	0.655	187.5(159.0~222.0)	185.0(159.5~222.5)	197.0(159.0~224.0)	0.341	0.736
LDL-C	119.5(95.0~147.75)	124.0(98.5~151.5)	117.0(89.0~147.0)	0.440	120.5(96.75~149.25)	112.0(92.25~149.75)	128.0(99.5~149.25)	0.298	0.510
HDL-C	39.0(33.0~45.0)	40.0(33.0~46.0)	39.0(34.0~43.0)	0.872	37.0(32.0~43.0)	37.0(31.0~43.25)	37.0(32.0~42.0)	0.962	0.116

*: p-values for comparisons between the 'No Smoking' and 'Smoking' groups under NSTEMI and STEMI categories; # p-values for the comparison of total values between NSTEMI and STEMI groups, PDW:Platelet Distribution Width, PCT:Plateletcrit, MPV:Mean Platelet Volume, LDL-C: Low-density Lipoprotein Cholesterol, HDL-C: High-density Lipoprotein Cholesterol.

Supplementary Table 3. Comparison of platelet indices according to smoking duration.

Variables	Group 1	Group 2	Group 3	Group 4	Group 5	p
	0-10 packs/year n=18	11-20 packs/year n=27	21-30 packs/year n=27	31-40 packs/year n= 23	41-50 packs/year n=18	
Platelet index	5.47 (3.54~9.86)	3.56 (2.82~7.74)	3.36 (1.85~5.50)	2.75 (2.33~4.17)	2.11 (1.78~2.78)	<0.001*
Platelet count, 10 ³ /μl	171.5(132~215)	215 (150~241)	220 (177~299)	244 (203~264)	275(237~299)	<0.001#
PDW	16.9 (16.3~17.1)	16.8 (16.4~17.2)	16.7(16.1~17.3)	16.5(16.3~16.8)	16.3 (16.1~16.5)	0.02 ^α
PCT	0.15 (0.13~0.19)	0.18 (0.14~0.21)	0.20 (0.16~0.24)	0.20 (0.18~0.22)	0.21 (0.19~0.25)	0.001 ^β
MPV	8.7 (8.4~9.1)	8.7 (7.9~9.5)	8.5 (7.9~9.6)	8.2 (7.6~8.9)	7.6 (7.3~8.2)	0.002 ^μ

*: Using the Kruskal-Wallis test the statistical difference is between Group 1 and Groups 4-5(respectively p=0.038, p=0.012). #: The statistical difference is between Group 5 and Groups 1-2 (respectively p<0.001, p=0.006). ^α: The statistical difference is between Group 5 and Group 1-2 (respectively p=0.012, p=0.011). ^β: The statistical difference is between Group 1 and Groups 3-4-5 (respectively p=0.011, p=0.015, p=0.004). ^μ: The statistical difference is between Group 5 and Groups 1-2-3 (respectively p=0.021, p=0.017, p=0.004). PDW:Platelet Distribution Width, PCT:Plateletcrit, MPV:Mean Platelet Volume