



Supplementary Figure 1 Graphical representation of the body mass index between the groups, blood pressure between the groups and glucose levels between the groups.

Supplementary Table 1 The general characteristics of the study groups

Factor	Index	No DM, <i>n</i> = 537	T1DM, <i>n</i> = 61	T2DM, <i>n</i> = 145	<i>P</i> value
Age (years)	Mean ± SD	56.7 ± 15.7	53.2 ± 17.8	57.4 ± 13.8	0.489
	Median [25%; 75%]	60.0 [47.0, 68.0]	55.0 [37.0, 68.0]	61.0 [51.0, 66.0]	
Sex	Male	239	21 (34.4%)	56 (38.6%)	0.182

			(44.5%)			
	Female	298 (55.5%)	40 (65.6%)	89 (61.4%)		
BMI	Mean \pm SD	29.2 \pm 5.8	30.3 \pm 7.4	30.9 \pm 6.8	0.032	
	Median [25%; 75%]	29.0 [25.0, 32.5]	28.5 [25.9, 35.6]	30.8 [24.7, 35.7]		
Smoking	No	474 (88.3%)	52 (85.2%)	120 (82.8%)	0.00016	
	Yes	63 (11.7%)	6 (9.8%)	18 (12.4%)		
	Withdrawal	0 (0.0%)	3 (4.9%)	7 (4.8%)		
Arterial hypertension	Absent	163 (30.5%)	16 (26.2%)	26 (17.9%)	0.00019	
	1 Stage	46 (8.6%)	15 (24.6%)	15 (10.3%)		
	2 Stage	242 (45.2%)	25 (41.0%)	39 (26.9%)		
	3 Stage	84 (15.7%)	5 (8.2%)	65 (44.8%)		
Systolic blood pressure	Mean \pm SD	133.2 \pm 22.8	126.6 \pm 16.2	126.2 \pm 19.3	0.005	
	Median [25%; 75%]	130.0 [120.0, 150.0]	125.0 [115.0, 135.0]	126.0 [115.0, 140.0]		

Diastolic blood pressure	Mean ± SD	79.4 ± 11.9	78.4 ± 10.7	76.7 ± 10.4	0.153
	Median [25%; 75%]	80.0 [70.0, 85.0]	80.0 [70.0, 80.0]	80.0 [70.0, 81.0]	
IHD without MI from the anamnesis and medical documentation	No	515 (96.1%)	56 (91.8%)	139 (95.9%)	0.005
	Previous ACS	20 (3.7%)	3 (4.9%)	2 (1.4%)	
	No previous ACS	1 (0.2%)	2 (3.3%)	4 (2.8%)	
Post-MI cardiosclerosis	Missing data	0 (0.0%)	0 (0.0%)	1 (0.7%)	0.004
	No	482 (90.1%)	61 (100.0%)	127 (87.6%)	
	Yes	53 (9.9%)	0 (0.0%)	17 (11.7%)	
Random glucose level	Mean ± SD	4.8 ± 0.8	8.3 ± 2.9	8.3 ± 2.8	0.00033
	Median[25%; 75%]	4.7 [4.2, 5.2]	8.0 [6.1, 9.9]	7.6 [5.9, 9.9]	

Supplementary Table 2 Pairwise comparisons for categorical variables

Factor	No	DM	-	No	DM	-	T1DM - T2DM
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		T1DM, value	<i>P</i>	T2DM, value	<i>P</i>	<i>P</i> value
Smoking		0.002		0.001		0.952
Arterial hypertension stage		0.004		0.001		0.001
Coronary artery disease from the anamnesis		0.053		0.009		0.315

Supplementary Table 3 Group comparisons for the single lead electrocardiography

Factors	No DM, <i>n</i> = 537	T1DM, <i>n</i> = 61	T2DM, <i>n</i> = 145	<i>P</i> value
HFNoise	59.0 [45.1, 79.4]	65.5 [48.0, 79.6]	67.9 [51.7, 84.4]	0.012
RR	802.0 [714.0, 890.0]	760.0 [698.0, 844.0]	810.0 [714.0, 922.0]	0.136
TpTe	86.0 [80.0, 96.0]	90.0 [80.0, 104.0]	86.0 [78.0, 96.0]	0.151
VAT	38.0 [34.0, 42.0]	36.0 [34.0, 40.0]	38.0 [36.0, 44.0]	0.012
QTc	426.6 [408.9, 445.7]	442.2 [426.1, 470.2]	433.6 [417.8, 451.5]	0.000
QT_TQ	0.9 [0.8, 1.1]	1.0 [0.9, 1.3]	0.9 [0.8, 1.1]	0.002
HFQRS	4.9 [0.0, 11.5]	0.0 [0.0, 0.0]	0.0 [0.0, 0.0]	0.000
HFSNR	1.1 [0.0, 2.8]	0.0 [0.0, 0.0]	0.0 [0.0, 0.0]	0.000
TA	195.7 [130.9, 272.3]	170.3 [130.9, 211.1]	169.6 [104.4, 256.2]	0.014
QRSenergy	582.0 [317.0, 953.6]	466.3 [257.2, 705.3]	525.3 [269.8, 822.5]	0.212
Tenergy	79.5 [49.0, 137.7]	68.8 [50.4, 127.0]	81.8 [47.7, 134.5]	0.816
Tpenergy	50.5 [23.1, 88.9]	45.5 [24.5, 92.7]	52.4 [23.4, 92.3]	0.981
Sbeta	0.8 [0.7, 0.9]	0.8 [0.6, 1.0]	0.8 [0.6, 1.1]	0.454
Beta	0.8 [0.6, 0.9]	0.8 [0.7, 1.0]	0.8 [0.6, 1.0]	0.100
QRS11energy	429.8 [196.4, 882.8]	298.3 [112.5, 570.4]	371.1 [172.7, 794.3]	0.088

QRS12energy	629.7 [292.9, 1252.4]	416.2 [191.1, 733.4]	572.7 [258.3, 1220.7]	0.030
QRS2energy	173.5 [79.6, 356.7]	133.7 [49.8, 270.0]	159.7 [70.4, 339.5]	0.084
QRSE1	15.1 [4.8, 37.0]	9.7 [4.9, 26.1]	14.2 [5.9, 34.8]	0.478
QRSE2	91.2 [45.1, 180.8]	66.7 [28.6, 126.2]	82.0 [42.5, 180.9]	0.037
QRSE3	214.3 [115.3, 352.8]	173.3 [88.5, 251.1]	190.8 [107.7, 313.3]	0.152
QRSE4	222.4 [121.8, 357.7]	208.5 [118.8, 335.2]	193.3 [117.7, 302.8]	0.260
TE1	29.1 [17.0, 50.5]	29.1 [16.4, 49.2]	34.8 [18.4, 60.3]	0.333
TE2	27.9 [16.8, 49.5]	22.7 [12.2, 37.1]	26.5 [14.4, 43.9]	0.064
TE3	8.6 [4.2, 14.9]	5.9 [3.9, 10.5]	6.9 [3.3, 13.8]	0.056
TE4	4.7 [2.2, 8.2]	3.2 [2.2, 5.7]	3.8 [2.0, 7.5]	0.077
QRSw	84.0 [74.0, 96.0]	92.0 [78.0, 100.0]	90.0 [78.0, 102.0]	0.003
Pan	74.4 [56.9, 97.6]	69.7 [48.5, 85.7]	68.7 [47.3, 94.0]	0.026
RA	975.8 [717.9, 1272.5]	889.8 [608.3, 1101.9]	893.3 [664.4, 1166.7]	0.033
SA	123.1 [62.9, 214.8]	165.4 [95.4, 284.6]	129.9 [75.9, 212.9]	0.030
Pst	188.0 [124.0, 260.0]	82.0 [40.0, 128.0]	134.0 [44.0, 192.0]	0.000
Pfi	266.0 [212.0, 338.0]	190.0 [144.0, 230.0]	244.0 [162.0, 308.0]	0.000
QRSst	334.0 [288.0, 414.0]	254.0 [216.0, 302.0]	312.0 [240.0, 376.0]	0.000
QRSfi	564.0 [414.0, 686.0]	334.0 [308.0, 402.0]	408.0 [342.0, 492.0]	0.000
Tfi	268.0 [155.0, 658.0]	634.0 [576.0, 702.0]	666.0 [570.0, 754.0]	0.000
PpeakP	161.0 [99.0, 227.0]	134.0 [99.0, 183.0]	173.0 [97.0, 242.0]	0.099
PpeakN	266.0 [187.0, 348.0]	102.0 [60.0, 140.0]	164.0 [97.0, 237.0]	0.000
Rpeak	339.0 [285.0, 407.0]	290.0 [253.0, 331.0]	341.0 [285.0, 415.0]	0.001

Speak	360.0 [302.0, 437.0]	307.0 [275.0, 365.0]	368.0 [292.0, 431.0]	0.002
Tpeak	584.0 [514.0, 662.0]	556.0 [500.0, 614.0]	606.0 [532.0, 692.0]	0.040
Tons	534.0 [466.0, 616.0]	518.0 [454.0, 564.0]	552.0 [484.0, 634.0]	0.059
Toffs	626.0 [554.0, 700.0]	594.0 [538.0, 648.0]	644.0 [568.0, 728.0]	0.048
RonsF	35.0 [33.0, 37.0]	36.0 [33.0, 37.0]	34.0 [30.0, 36.0]	0.001
RoffsF	34.0 [29.0, 37.0]	37.0 [34.0, 38.0]	34.0 [28.0, 37.0]	0.002
SDNN	22.1 [15.3, 34.3]	28.1 [19.6, 40.6]	22.5 [16.5, 40.3]	0.019
