

SUPPLEMENTARY TABLES

Supplementary Table 1. Characteristics of male patients with T2DM in different age groups.

Characteristic	Age (years)			P value
	<60	60-80	≥80	
Number of patients	648	1089	387	
Diabetic duration (years)	0.33 (0.08-4.83) ^a	3.42 (0.17-10.17) ^b	8.17 (0.63-15.71) ^c	<0.001
<5 [n (%)]	491 (75.77) ^a	609 (55.92) ^b	156 (40.31) ^c	<0.001
5-10 [n (%)]	91 (14.04) ^a	187 (17.17) ^a	57 (14.73) ^a	
≥10 [n (%)]	66 (10.19) ^a	293 (26.91) ^b	174 (44.96) ^c	
Hypertension				<0.001
Yes	248 (38.27) ^a	683 (62.72) ^b	296 (76.49) ^c	
No	400 (61.73) ^a	406 (37.28) ^b	91 (23.51) ^c	
SDP (mmHg)	125.5 (120.0-136.0) ^a	130 (120-140) ^b	130 (120-140) ^c	<0.001
DBP (mmHg)	80 (74-90) ^a	80 (70-84) ^b	73 (70-80) ^c	<0.001
BMI (kg/m ²)	25.65 (23.59-27.76) ^a	25.00 (23.26-27.10) ^b	24.38 (22.34-26.38) ^c	<0.001
FPG (mmol/L)	7.70 (6.50-9.60) ^a	7.00 (6.1-8.3) ^b	6.70 (5.90-7.87) ^c	<0.001
PPG (mmol/L)	12.90 (9.90-17.22) ^a	11.10 (9.00-15.00) ^b	11.00 (8.60-14.95) ^b	<0.001
HbA1c (%)	8.3 (6.8-10.2) ^a	7.1 (6.3-8.9) ^b	6.9 (6.4-8.2) ^b	<0.001
TG (mmol/L)	1.74 (1.21-2.71) ^a	1.37 (0.98-1.96) ^b	1.28 (0.86-1.72) ^c	<0.001
TC (mmol/L)	4.77 (4.15-5.42) ^a	4.53 (3.91-5.17) ^b	4.38 (3.71-5.04) ^c	<0.001
LDL-C (mmol/L)	2.79 (2.29-3.36) ^a	2.75 (2.22-3.30) ^a	2.57 (1.99-3.15) ^c	<0.001
HDL-C (mmol/L)	0.99 (0.85-1.16) ^a	1.06 (0.90-1.25) ^b	1.09 (0.92-1.31) ^b	<0.001
Treatment [n (%)]				0.003
Diet and exercise alone	123(18.98) ^a	187(17.17) ^a	58(14.99) ^a	
1 OAD alone	233(35.96) ^a	358(32.87) ^a	122(31.52) ^a	
2 OADs alone	148(22.84) ^a	229(21.03) ^a	79(20.41) ^a	
≥3 OADs alone	13(2.01) ^a	58(5.33) ^b	17(4.39) ^{a,b}	
Insulin alone	16(2.47) ^a	33(3.03) ^{a,b}	21(5.43) ^b	
Insulin+OAD	115(17.75) ^a	224(20.57) ^a	90(23.26) ^a	
Antihypertensive agents use				<0.001
Yes	211(32.56) ^a	576(52.89) ^b	267(68.99) ^c	
No	437(67.44)	513(47.11)	120(31.01)	
ARB or ACEI use				<0.001
Yes	166(25.62) ^a	368(33.79) ^b	174(44.96) ^c	
No	482(74.38)	721(66.21)	213(55.04)	
Lipid-lowering agent use				0.021
Yes	292(45.06) ^a	489(44.9) ^a	144(37.21) ^b	
No	356(54.94)	600(55.1)	243(62.79)	
Antiplatelet use				<0.001
Yes	283(43.67) ^a	591(54.27) ^b	202(52.2) ^b	
No	365(56.33)	498(45.73)	185(47.8)	

Data are expressed as the median (Q1-Q3) or numbers and percentages, n (%); P values for comparison over all 3 categories.

^{a, b, c} Each different subscript letter denotes a subset of age categories whose column proportions differ significantly from each other at $P < 0.05$.

Supplementary Table 2. Characteristics of female patients with T2DM in different age groups.

Characteristic	Age (years)			P value
	<60	60-80	≥80	
Number of patients	153	571	278	
Diabetic duration (years)	1.08 (0.71-5.42) ^a	4.58 (0.17-11.08) ^b	8.25 (2.54-15.73) ^c	<0.001
<5 [n (%)]	111 (72.55) ^a	288 (50.44) ^b	104 (37.41) ^c	<0.001
5-10 [n (%)]	24 (15.69) ^a	108 (18.91) ^a	47 (16.91) ^a	
≥10 [n (%)]	18 (11.76) ^a	175 (30.65) ^b	127 (45.68) ^c	
Hypertension [n (%)]				<0.001
Yes	60 (39.22) ^a	368 (64.45) ^b	219 (78.78) ^c	
No	93 (60.78)	203 (35.55)	59 (21.22)	
SDP (mmHg)	120 (110-130) ^a	130 (120-140) ^b	130 (120-140) ^b	<0.001
DBP (mmHg)	75 (70-80) ^a	78 (70-80) ^a	70 (68-80) ^b	<0.001
BMI (kg/m ²)	24.39 (22.19-26.71)	24.65 (22.58-27.18)	24.23 (22.31-27.11)	0.328
FPG (mmol/L)	7.30 (6.20-8.90) ^a	6.99 (6.00-8.20) ^b	6.68 (5.70-7.90) ^c	<0.001
PPG (mmol/L)	11.90 (9.20-16.00)	11.20 (8.80-15.10)	11.20 (8.90-14.65)	0.250
HbA1c (%)	7.8 (6.3-10.1)	7.2 (6.4-9.0)	7.0 (6.5-8.1)	0.046
TG (mmol/L)	1.40 (0.97-2.09)	1.39 (1.00-2.00)	1.39 (1.02-1.83)	0.994
TC (mmol/L)	4.80 (4.22-5.50)	4.80 (4.16-5.62)	4.63 (4.00-5.37)	0.107
LDL-C (mmol/L)	2.84 (2.45-3.36)	2.80 (2.23-3.40)	2.71 (2.22-3.27)	0.078
HDL-C (mmol/L)	1.13 (0.97-1.37)	1.17 (1.00-1.41)	1.16 (0.98-1.38)	0.318
Treatment [n (%)]				
Diet and exercise alone	23 (15.03)	111 (19.44)	43 (15.47)	0.049
1 OADs alone	56 (36.60)	161 (28.20)	73 (26.26)	
2 OADs alone	27 (17.65)	115 (20.14)	57 (20.50)	
≥3 OADs alone	5 (3.27)	42 (7.36)	12 (4.32)	
Insulin alone	3 (1.96)	18 (3.15)	7 (2.52)	
Insulin + OADs	39 (25.49)	124 (21.72)	86 (30.94)	
Antihypertensive agents				<0.001
Yes	43 (28.1) ^a	301 (52.71) ^b	194 (69.78) ^c	
No	110 (71.9)	270 (47.29)	84 (30.22)	
ARBs or ACEIs				<0.001
Yes	26 (16.99) ^a	198 (34.68) ^b	123 (44.24) ^c	
No	127 (83.01)	373 (65.32)	155 (55.76)	
Lipid-lowering agents				0.032
Yes	57 (37.25) ^a	280 (49.04) ^b	133 (47.84) ^{a,b}	
No	96 (62.75)	291 (50.96)	145 (52.16)	
Antiplatelet agents				<0.001
Yes	55 (35.95) ^a	296 (51.84) ^b	155 (55.76) ^b	
No	98 (64.05)	275 (48.16)	123 (44.24)	

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