Table S1 A: Distribution of microvascular complications (retinopathy, neuropathy, Nephropathy) by socio-demographic characteristics

Variable	Category	Retinopathy			Neuropathy			Nephropathy		
		Yes	No	p-Value	Yes	No	p-Value	Yes	No	p-Value
Age	**<39**	42 (27.5)	356 (48.8)	0.00	14 (18.4)	384 (47.6)	0.00	11 (22)	387 (46.5)	0.006
	40-59	35 (22.9)	128 (17.6)		24 (31.6)	139 (17.2)		15 (30)	148 (17.8)	
	>60	76 (49.7)	245 (33.6)		38 (50)	283 (35.1)		24 (48)	297 (35.7)	
	Total	153	729		76	806		50	832	
Gender	**Male**	57 (37.3)	319 (43.7)	0.144	36 (47.4)	340 (42)	0.369	27 (54)	349 (41.9)	0.092
	Female	96 (62.7)	410 (56.3)		40 (52.6)	466 (58)		23 (46)	483 (58.1)	
	Total	153	729		76	806		50	832	
Marital status	**Single, widowed**	34 (22.2)	167 (22.9)	0.848	9 (11.8)	192 (23.9)	0.017	7 (14)	194 (23.3)	0.126
	Married	119 (77.8)	562 (77.1)		67 (88.2)	614 (76.1)		43 (86)	638 (76.7)	
	Total	153	729		76	806		50	832	
Educational level	**7-12**	43 (28.1)	284 (39.1)	0.002	25 (32.9)	302 (37.5)	0.01	18 (36)	309 (37.2)	0.984
	>12 years	15 (9.8)	106 (14.3)		3 (3.9)	118 (14.4)		7 (14)	114 (13.5)	
	1-6	95 (62.1)	339 (46.6)		48 (63.2)	386 (48.1)		25 (50)	409 (49.3)	
	Total	153	729		76	806		50	832	
Place of living	**Village**	67 (44.1)	234 (32.1)	0.001	30 (39.5)	271 (33.6)	0.54	18 (36)	283 (34.1)	0.961
	City	78 (50.7)	391 (53.7)		43 (56.6)	426 (52.9)		26 (52)	443 (53.3)	
	Camp	8 (5.3)	104 (14.1)		3 (3.9)	109 (13.4)		6 (12)	106 (12.7)	
	Total	153	729		76	806		50	832	
PHC location	Nablus	20 (13.1)	280 (38.4)	0.00	6 (7.9)	294 (36.5)	0.00	5 (10.0)	295 (35.5)	0.001
	Ramallah	70 (45.8)	212 (29.1)		21 (27.6)	261 (32.4)		19 (38.0)	263 (31.6)	
	Hebron	63 (41.2)	237 (32.5)		49 (64.5)	251 (31.1)		26 (52.0)	274 (32.9)	
	Total									
Healthcare Provider	**MOH**	73 (47.7)	346 (47.5)	0.015	26 (34.2)	393 (48.8)	0.00	21 (42.0)	398 (47.8)	0.014
	UNRWA	53 (34.6)	310 (42.5)		30 (39.5)	333 (41.3)		17 (34.0)	346 (41.6)	
	PMRS	27 (17.6)	73 (10.0)		20 (26.3)	80 (9.9)		12 (24.0)	88 (10.6)	
	Total									

Table S1 B: Distribution of microvascular complications (Erectile dysfunction, Diabetic foot) by socio-demographic characteristics

Variable	Category	Erectile dysfunction			Diabetic foot		
		Yes	No	p-Value	Yes	No	p- Value
Age (years)	**<39**	46 (59.7)	135 (45.2)	0.002	11 (15.7)	387 (47.7)	0.000
	40-59	3 (3.9)	60 (20.1)		18 (25.7)	145 (17.9)	
	>60	28 (36.4)	104 (34.8)		41 (58.6)	280 (34.5)	
	Total	77	299		70	812	
Gender	**Male**				35 (49.3)	341 (41.9)	0.236
	Female				35 (50.7)	471 (58.1)	
	Total				70	812	
Marital status	**Single, widowed**	4 (5.2)	45 (15.1)	0.022	12 (17.1)	189 (23.3)	0.237
	Married	73 (94.8)	254 (84.9)		58 (82.9)	623 (76.7)	
	Total	77	299		70	812	
Educational level	**Secondary, high school**	35 (45.5)	114 (38.1)	0.154	18 (25.7)	309 (38.1)	0.001
	College, university	22 (28.6)	72 (24.1)		3 (4.3)	118 (14.3)	
	Illiterate or elementary	20 (26.0)	113 (37.8)		49 (70)	385 (47.6)	
	Total	77	299		70	812	
Place of living	**Village**	31 (40.3)	88 (29.4)	0.036	30 (42.9)	271 (33.5)	0.025
	City	42 (54.5)	167 (55.9)		38 (54.3)	431 (53.0)	
	Camp	4 (5.2)	44 (14.7)		2 (2.9)	110 (13.5)	
	Total	77	299		70	812	
PHC location	Nablus	9 (11.7)	130 (43.5)	0.000	7 (10.0)	293 (36.1)	0.00
	Ramallah	61 (79.2)	54 (18.1)		19 (27.1)	263 (32.4)	
	Hebron	7 (9.1)	115 (38.5)		44 (62.9)	256 (31.5)	
	Total	77	299		70	812	
Healthcare Provider	**MOH**	33(42.9)	168(56.2)	0.106	28 (40.0)	391 (48.2)	0.006
	UNRWA	34(44.2)	98(32.8)		26 (37.1)	337 (41.5)	
	PMRS	10(13.0)	33(11.0)		16 (22.9)	84 (10.3)	
	Total	77	299				

Table S2 A: Distribution of microvascular complications (retinopathy, neuropathy, Nephropathy) by diabetes type, treatment type, family history and comorbidities.

Variable	Category	Retinopathy			Neuropathy			Nephropathy		
		Yes	No	p-Value	Yes	No	p-Value	Yes	No	p-Value
Diabetes type	T1DM	12 (7.8)	104 (14.3)	0.000	2 (2.6)	114 (14.2)	0.016	2 (4)	114 (13.7)	0.119
	T2DM	94 (61.4)	536 (73.5)		62 (81.6)	568 (70.4)		38 (76)	592 (71.2)	
	Undefined	47 (30.7)	89 (12.2)		12 (15.8)	124 (15.4)		10 (20)	126 (15.1)	
	Total	153	729		76	806		50	832	
Treatment type	**Diet only**	1 (0.7)	18 (2.5)	0.181	1 (1.3)	18 (2.2)	0.555	0 (0)	19 (2.3)	0.392
	Tablet	58 (37.9)	322 (44.1)		38 (50.0)	342 (42.3)		25 (50)	355 (42.6)	
	Tablet and insulin	34 (22.2)	129 (17.7)		14 (18.4)	149 (18.5)		6 (12)	157 (18.9)	
	Insulin only	60 (39.2)	260 (35.7)		23 (30.3)	297 (36.9)		19 (38)	301 (36.2)	
	Total	153	729		76	806		50	832	
Family history of diabetes	**Positive**	514 (70.5)	122 (79.7)	0.051	63 (82.9)	573 (71.1)	0.067	38 (76)	598 (71.8)	0.574
	Negative	203 (27.8)	28 (18.3)		13 (17.1)	218 (27.1)		12 (24)	219 (26.3)	
	Don't know	12 (1.6)	3 (2.0)		0 (0.0)	15 (1.9)		0 (0)	15 (1.8)	
	Total	150	717		76	791		50	832	
Hypertension	**Yes**	92 (60.9)	400 (54.9)	0.172	51 (67.1)	441 (54.9)	0.041	37 (74)	455 (54.8)	0.008
	No	51 (39.1)	329 (45.1)		25 (32.9)	365 (45.1)		13 (26)	377 (45.2)	
	Total	153	729		76	806		50	832	
Dyslipidemia	**Yes**	28 (18.5)	95 (13)	0.077	19 (25)	104 (13)	0.004	19 (38)	104 (12.5)	0.000
	No	125 (81.5)	634 (87)		57 (75)	702 (87)		31 (62)	728 (87.5)	
	Total	153	729		76	806		50	832	
CAD	**Yes**	34 (22.5)	100 (13.7)	0.006	25 (32.9)	109 (13.4)	0.000	19 (38)	115 (13.9)	0.000
	No	119 (77.5)	629 (86.3)		51 (67.1)	697 (86.6)		31 (62)	717 (86.1)	
	Total	153	729		76	806		50	832	
Obesity	**Yes**	29 (19.2)	166 (22.8)	0.329	17 (22.4)	178 (22.1)	0.957	13 (26)	182 (22)	0.507
	No	124 (80.8)	563 (77.2)		59 (77.6)	624 (77.9)		37 (74)	650 (78)	
	Total	153	729		76	806		50	832	

Table S2 B: Distribution of microvascular complications (Erectile dysfunction, Diabetic foot) by diabetes type, treatment type, family history, and comorbidities.

Variable	Category	Erectile dysfunction			Diabetic foot		
		Yes	No	p- Value	Yes	No	p- Value
Diabetes type	**T1DM**	**8(10.4)**	**56(18.7)**	**0.000**	**2 (2.9)**	**114 (14.1)**	**0.007**
	T2DM	**42(54.5)**	**217(72.6)**		**51 (72.9)**	**579 71.3)**	
	Undefined	**27(35.1)**	**26(8.7)**		**17 (24.3)**	**119 (14.7)**	
	Total	**77**	**299**		**70**	**812**	
Treatment type	**Diet only**	1(1.3)	2(0.7)	0.174	0 (0)	19 (2.3)	0.581
	Tablet	36(46.8)	117 (39.1)		32 (45.7)	348 (42.7)	
	Tablet and insulin	8(10.4)	63 (21.1)		14 (20)	149 (18.4)	
	Insulin only	32(41.6)	117 (39.1)		24 (34.3)	296 (36.5)	
	Total	77	299		70	812	
Family history of diabetes	**Positive**	57(74.0)	204(68.2)	0.609	58 (82.9)	578 (71.1)	0.086
	Negative	19(24.7)	91(30.4)		12 (17.1)	219 (27.0)	
	Don't know	1(1.3)	4(1.3)		0 (0.0)	15 (1.8)	
	Total	77	299		70	797	
Hypertension	**Yes**	42(54.5)	154(51.5)	0.634	46 (66.7)	446 (54.9)	0.060
	No	35(45.5)	145(48.5)		24 (33.3)	366 (45.1)	
	Total	77	299		70	812	
Dyslipidemia	**Yes**	**20(26.0)**	**26(8.7)**	**0.000**	13 (18.8)	110 (13.6)	0.228
	No	**57(74.0)**	**273(91.3)**		57 (81.2)	702 (86.4)	
	Total	**77**	**299**		70	812	
CAD	**Yes**	**24(31.2)**	**42(14.0)**	**0.000**	**22 (31.9)**	**112 (13.8)**	**0.000**
	No	**53(68.8)**	**257(86.0)**		**48 (68.1)**	**700 (86.2)**	
	Total	**77**	**299**		**70**	**812**	
Obesity	**Yes**	**25(32.5)**	**32(10.7)**	**0.000**	10 (14.5)	185 (22.8)	0.112
	No	**52(67.5)**	**267(89.3)**		60 (85.5)	627 (77.2)	

	Total	**77**	**299**		70	812	

Table S3 A: Distribution of microvascular complications (retinopathy, neuropathy, nephropathy) by management-related factors.

		Retinopathy		p-Value	Neuropathy		p-Value	Nephropathy		p-Value
		Yes	No		Yes	No		Yes	No	
		N (%)	N (%)		N (%)	N (%)		N (%)	N (%)	
Who does the follow-up	**GP**	**109(71.1)**	**443 (60.8)**	**0.018**	53(69.7)	499(61.9)	0.175	36(72.0)	516(62.0)	0.157
	Specialist	**44(28.9**	**286(39.2)**		23(30.3)	307(38.1)		14(28.0)	316(38.0)	
	Total	**153**	**729**		76	806		50	832	
Who diagnosed the patient	**GP**	**83(54.2)**	**388(53.4)**	**0.006**	47(61.8)	424(52.7)	0.111	29(58.0)	442(53.1)	0.797
	specialist	**46(30.1)**	**152(20.9)**		18(23.7)	180(22.2)		10(20.0)	188(22.6)	
	Another	**24 (15.7)**	**189 (25.9)**		11(14.5)	202(25.1)		11(22.0)	202(24.3)	
	Total	**153**	**729**		76	806		50	832	
Years of diagnosis	**<5**	**21(13.8**	**159(21.8**	**0.000**	13(17.1)	167(20.7)	0.812	6(12.0)	174(20.9)	0.254
	5-9	**43(28.3**	**238(32.7**		26(34.2)	255(31.6)		14 (28.0)	267(32.1)	
	10-14	**29(18.4)**	**172(23.5**		16(21.1)	185(23.0)		13(26.0)	188(22.6)	
	>=15	**60(39.5**	**160(22.0**		21(27.6)	199(24.7)		17(34.0)	203(24.4)	
	Total	**153**	**729**		76	806		50	832	
Was the patient hospitalized	**Yes**	**63 (41.2)**	**183 (25.1)**	**0.000**	25(32.9)	221 (27.5)	0.312	**25 (50.0)**	**221 (26.6)**	**0.000**
	No	**90 (58.8)**	**546 (74.9)**		51 (67.1)	585 (72.5)		**25 (50.0)**	**611 (73.4)**	
	Total	**153**	**729**		76	806		**50**	**832**	
Physician exams patient clinically each visit	Yes	71 (47)	319 (43.5)	0.426	31 (40.8)	358 (44.3)	0.552	28 (56)	362 (43.4)	0.081
	No	80 (53)	412 (56.5)		45 (59.2)	448 (55.7)		22 (44)	470 (56.6)	
	Total	151	731		76	806		50	832	
having HbA1c (every 3	**Does not remember**	**22 (13.8)**	**181 (24.3)**	**.012**	**7 (6.8)**	**196 (24)**	**.000**	**5 (6.3)**	**198 (23.4)**	**.016**
	Yes	**34 (22.4)**	**164 (22.7)**		**13 (17.6)**	**185 (23.1)**		**11 (22.9)**	**187 (22.6)**	

months for T1DM and 6 months for T2DM)	**No**	**97 (63.8)**	**384 (53)**		**56 (75.7)**	**425 (52.9)**		**34 (70.8)**	**447 (54)**	
	Total	**154**	**729**		**77**	**805**		**50**	**832**	
BMI measurement every visit	Yes	122 (80.3)	549 (75.6)	0.220	57 (75)	614 (76.5)	0.764	32 (64)	639 (77.2)	.033
	No	31 (19.7)	180 (24.4)		19 (25)	192 (23.5)		18 (36)	193 (22.8)	
	Total	153	729		76	806		50	832	
Measuring blood pressure every visit	Yes	126 (82.9)	572 (78.8)	0.254	62 (82.7)	636 (79.2)	0.474	43 (86)	655 (79.1)	0.241
	No	27 (17.1)	157 (21.2)		14 (17.3)	170 (20.8)		7 (14)	177 (20.9)	
	Total	153	729		76	806		50	832	
Lipid profile testing every 3 months	Yes	7 (4.6)	54 (7.4)	0.209	8 (10.5)	53 (6.6)	0.196	2 (4)	59 (7.1)	.403
	No	146 (95.4)	675 (92.6)		68 (89.5)	753 (93.4)		48 (96)	773 (92.9)	
	Total	153	729		76	806		50	832	

Table S3 B: distribution of microvascular complications (erectile dysfunction, Diabetic foot) by management-related factors.

		Erectile dysfunction		p-Value	Diabetic foot		p-Value
		Yes	No		Yes	No	
		N (%)	N (%)		N (%)	N (%)	
Who does the follow-up	**GP**	**63(81.8)**	**158(52.8)**	**0.000**	46(65.7)	506(62.3)	0.568
	Specialist	**14(18.2)**	**141(47.2)**		24(34.3)	306(37.7)	
	Total	**77**	**299**		70	812	
Who diagnosed the patient	GP	38(49.4)	149(49.8)	0.290	38(54.3)	432(53.3)	0.419
	specialist	13(16.9)	71(23.7)		19(27.1)	179(22.1)	
	Another	26(33.8)	79(26.4)		13(18.6)	200(24.7)	
	Total	77	299		70	811	
Years of diagnosis	<5	14(18.2)	52(17.4)	0.090	10(14.3)	169(20.8)	0.572
	5-9	17(22.1)	110(36.8)		25(35.7)	256(31.6)	
	10-14	21(27.3)	59(19.7)		18(25.7)	183(22.6)	
	>=15	25(32.5)	78(26.1)		17(24.3)	203(25.0)	
	Total	77	299		70	811	
Was the patient hospitalized	Yes	25(32.5)	87(29.1)	0.564	**34(48.6)**	**212(26.1)**	**0.000**
	No	52(67.5)	212(70.9)		**36(51.4)**	**600(73.9)**	
	Total	77	299		**70**	**812**	
Physician exams patient clinically each visit	**Yes**	**27(35.1)**	**159(53.2)**	**0.031**	28 (40)	363 (44.5)	0.467
	No	**50(64.9)**	**140(46.8)**		42 (60)	449 (55.5)	
	Total	**77**	**299**		70	812	
Doctor asks the patient to perform HbA1c (every 3 months for T1DM and 6	Does not remember	10(13.0)	75(25.1)	0.069	**9 (10.3)**	**194 (23.4)**	**.030**
	Yes	19(24.7)	70(23.4)		**15 (22.1)**	**183 (22.7)**	
	No	48(62.3)	154(51.5)		**46 (67.6)**	**435 (53.9)**	
	Total	77	299		**70**	**812**	

months for T2DM)							
BMI measurement every visit	Yes	60(77.9)	221(73.9)		**46 (65.7)**	**625 (77.3)**	
	No	17(22.1)	78(26.1)	0.470	**24 (34.3)**	**187 (22.7)**	**.028**
	Total	77	299		**70**	**812**	
Measuring blood pressure every visit	Yes	63(81.8)	230(76.9)		52 (74.3)	646 (79.9)	
	No	14(18.2)	69(23.1)	0.356	18 (25.7)	166 (20.1)	0.262
	Total	77	299		70	812	
Lipid profile testing every 3 months	Yes	5(6.5)	26(8.7)		3 (4.3)	58 (7.2)	
	No	72(93.5)	273(91.3)	0.531	67 (95.7)	754 (92.8)	.365
	Total	77	299		70	812	