Supplementary Table 1. Characteristics of All Active EDIC Participants by Protocol Completion

	All	Participants	Non-Participants	p-value*
N	1,185	1,094	91	
Study Design				
DCCT Conventional Treatment Group	573 (48.4%)	518 (47.4%)	55 (60.4%)	0.022
DCCT Secondary Intervention Cohort	589 (49.7%)	545 (49.8%)	44 (48.4%)	0.873
Demographics				
Sex (female)	572 (48.3%)	522 (47.7%)	50 (54.9%)	0.224
Age (years)	59.5±6.8	59.5±6.8	59.2±7.6	0.855
Age <65 Years	919 (77.6%)	854 (78.1%)	65 (71.4%)	0.185
Education				0.030
Graduate School	292 (24.8%)	276 (25.3%)	16 (19.0%)	
College Graduate	439 (37.3%)	415 (38.0%)	24 (28.6%)	
Some College or Trade School	335 (28.5%)	304 (27.8%)	31 (36.9%)	
Secondary School Graduate or Less	110 (9.4%)	97 (8.9%)	13 (15.5%)	
Employment				<0.001
Employed	784 (68.4%)	760 (69.9%)	24 (40.7%)	
Retired	248 (21.6%)	232 (21.3%)	16 (27.1%)	
Unemployed	46 (4.0%)	44 (4.0%)	2 (3.4%)	
Disabled	68 (5.9%)	51 (4.7%)	17 (28.8%)	
Non-Glycemic Characteristics				
Current Smoker	106 (8.9%)	91 (8.3%)	15 (16.5%)	0.015
Heavy Alcohol Use (≥27 grams/day)	65 (5.6%)	60 (5.5%)	5 (6.3%)	0.961
BMI (kg/m^2)	28.8±5.9	29.2±5.8	23.9±3.1	<0.001
BMI Category				<0.001
Underweight	10 (0.8%)	5 (0.5%)	5 (5.5%)	
Normal	317 (26.8%)	263 (24.0%)	54 (59.3%)	
Overweight	431 (36.4%)	403 (36.8%)	28 (30.8%)	
Obese	427 (36.0%)	423 (38.7%)	4 (4.4%)	
Total MoCA Score†	26.2±2.6	26.2±2.6	N/A	N/A
Psychological Distress (GSI ≥63)	78 (7.8%)	78 (7.8%)	N/A	N/A
Glycemic Characteristics				
Duration (years)	37.9±4.9	37.9±4.9	37.3±5.1	0.167
Time-weighted Mean DCCT/EDIC HbA1c (%)	7.9±0.9	7.9±0.9	8.4±0.8	<0.001
Time-weighted Mean DCCT/EDIC HbA1c (mmol/mol)	63.2±9.8	62.8±9.8	68.6±9.2	<0.001
Mean EDIC HbA1c (%)	7.9±0.9	7.9±0.9	8.3±0.9	<0.001
Mean EDIC HbA1c (mmol/mol)	62.9±10.4	62.6±10.3	67.6±10.1	<0.001

Supplementary Table 1. Characteristics of All Active EDIC Participants by Protocol Completion (continued)

	All	Participants	Non-Participants	p-value*
Current HbA1c (%)	7.8±1.2	7.8±1.2	7.9±1.2	0.332
Current HbA1c (mmol/mol)	61.3±12.8	61.2±12.8	62.4±13.5	0.332
Severe Hypoglycemia (≥1 vs. 0 cumulative events)‡	565 (50.5%)	546 (50.5%)	19 (50.0%)	0.951
Micro-/Cardiovascular Complications				
Any Non-fatal CVD§	199 (16.8%)	172 (15.7%)	27 (29.7%)	<0.001
Any PDR	325 (27.4%)	284 (26.0%)	41 (45.1%)	<0.001
Any Reduced eGFR	106 (9.1%)	88 (8.1%)	18 (22.8%)	<0.001
Diabetic Peripheral Neuropathy‖	309 (28.2%)	277 (26.9%)	32 (48.5%)	<0.001
Cardiac Autonomic Neuropathy¶	414 (37.1%)	374 (35.5%)	40 (65.6%)	<0.001
Sensitivity Analysis: SPPB <10#	267 (22.5%)	245 (22.4%)	22 (24.2%)	0.696
Sensitivity Analysis: Functional Limitations#	547 (46.2%)	525 (48.0%)	22 (24.2%)	<0.001

*P-values evaluate difference at α=0.05 level between the N=1,094 participants and N=91 non-participants. Pearson's Chi-squared test with Yates' continuity correction is used for binary and categorical variables, and Wilcoxon rank sum test with continuity correction is used for continuous variables.

†Montreal Cognitive Assessment (MoCA) was measured in 1,049 active participants (N=1,049 participants, N=0 non-participants) and mild cognitive impairment was defined as a MoCA score ≤21. N=58 participants scored ≤21.

‡Severe hypoglycemia was defined as events leading to coma or seizure documented by self-report for the 3-month period prior to each annual study visit. Cumulative refers to the running sum of all events.

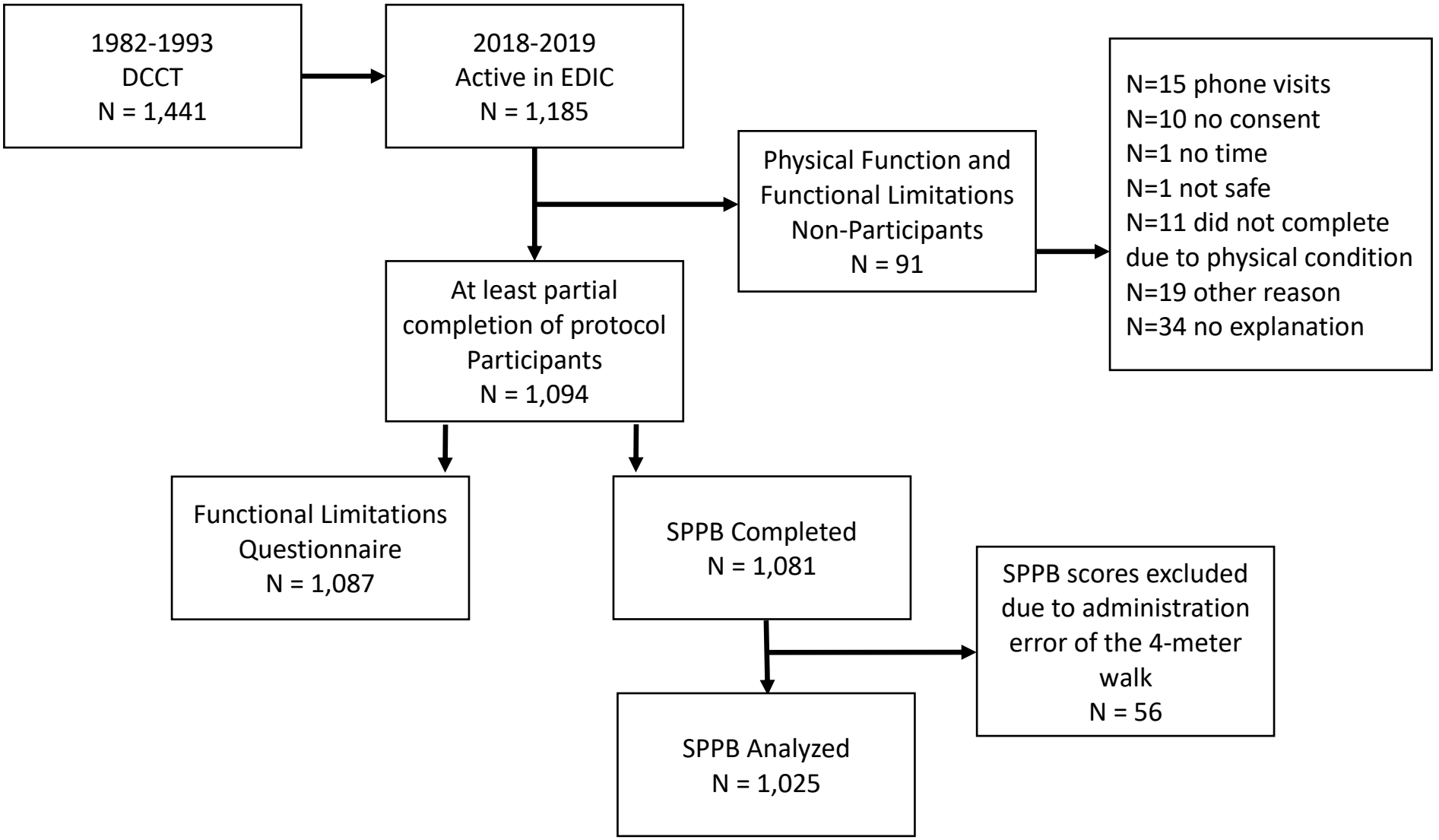
§CVD events were considered only if the event occurred before the physical function assessment. For non-participants, CVD events were considered only if the event occurred before November 17, 2017.

‖Diabetic Peripheral Neuropathy was assessed in 1,097 active participants (N=1,031 participants, and N=66 non-participants).

¶Cardiac Autonomic Neuropathy was measured in 1,116 active participants (N=1,065 participants, and N=51 non-participants).

#Non-participants missing both the SPPB and questionnaire data for reasons given as "unwillingness to participate", "completion of tests unsafe," or "physical/clinical condition makes completion of test not possible", were assigned SPPB <10, and self-reported functional limitations "present". Those missing both SPPB and questionnaire data for any other reason were assigned SPPB ≥10 and self-reported functional limitations "absent". Non-participants with partial data (either the SPPB or questionnaire was completed, but not both), were categorized according to their available (non-missing) data. Specifically, if the SPPB was completed but not the questionnaire, those with SPPB <10 were assigned "present" self-reported functional limitations while those with SPPB ≥10 were assigned "absent" self-reported functional limitations. Conversely, if the questionnaire but not the SPPB was completed, those with "present" self-reported functional limitation were assigned SPPB <10; those with "absent" self-reported functional limitations were assigned SPPB ≥10.

Supplementary Figure 1. Participation in the EDIC Physical Function including Short Physical Performance Battery (SPPB) and Self-Reported Functional Limitations



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