

# Reductions in HbA1c with Flash Glucose Monitoring Are Sustained for up to 24 Months: A Meta-Analysis of 75 Real-World Observational Studies

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**Supplementary Table 1. Summary of studies with data using flash glucose monitoring included in the meta-analysis**

**Table 1a. Studies with a single timed endpoint**

Study authors	Outcomes timepoints (month)	Adults/Children	Type of diabetes	Number of subjects	Initial HbA1c (%)	Change in HbA1c (%)	SE Change in HbA1c (%)
Al Hayek AA, et al.	3	adults	1	95	8.3	-0.6	0.226
Antich Barcelo C, et al.	6	adults	1	231	7.3	-0.3	0.118
Bacon S, et al.	3	adults	1	58	8.1	-0.55	0.23
Batanero R, et al.	6	adults	1	41	7.6	0.39	1.437
Davis T, et al.	6	adults	1	22	8.2	-0.23	0.164
De Oliveira MCS, et al.	3	adults	1	35	8.6	-0.7	0.203
Fokkert M, et al.	12	adults	1	543	7.96	-0.3	0.075
Fonseca L, et al.	6	adults	1	35	7.67	0.07	0.068
Gernay MM, et al.	15	adults	1	645	7.96	-0.15	0.073
Gibb F, et al.	12	adults	1	9655	8.19	-0.27	0.008
Gil-Ibáñez MT, et al.	12	adults	1	23	7.86	-0.39	0.14
Guo L, et al.	3	adults	1	153	7.96	-0.42	0.07
Hansen KW.	18	adults	1	270	7.78	-0.41	0.054
Hey C, et al.	1.5	adults	1	29	9.9	-0.34	0.221
Holcombe A, et al.	2	adults	1	13	9.01	-0.74	0.426
Kramer G, et al.	12	adults	1	40	7.4	-0.04	0.111
Lázaro-Martín L, et al.	6	adults	1	19	7.34	-0.12	0.112
Mitchell K, et al.	3	adults	1	13	10.28	-0.88	0.17
Moreno-Fernandez J, et al.	6	adults	1	18	7.4	-0.4	0.094
Muthabathula J, et al.	5.3	adults	1	114	8.39	-0.76	0.09
Overend L, et al.	6	adults	1	37	8.77	-1.08	0.234
Piedra M, et al.	12	adults	1	41	7.6	-0.16	0.123
Reddy M, et al.	2	adults	1	20	7.2	-0.35	0.143
Scorsone A, et al.	6	adults	1	20	8.5	-0.8	0.212
Surendran A, et al.	6	adults	1	21	7.55	-0.58	0.329
Whitehouse P, et al.	3	adults	1	11	8.92	-1.28	0.452
Davis T, et al.	6	adults	2	7	7.8	-0.04	0.249
De Lourdes Machado M, et al.	3	adults	2	18	9.6	-1.5	0.377
Fasching P, et al.	4.5	adults	2	92	8.76	-0.88	0.084
Fokkert M, et al.	12	adults	2	99	8.39	-0.57	0.189
Hanaire H, et al.	4.5	adults	2	88	8.99	-0.81	0.122
Ida S, et al.	3	adults	2	48	7.7	-0.3	0.13
Kröger J, et al.	4.5	adults	2	183	8.84	-0.92	0.083
Yaron M, et al.	2.5	adults	2	53	8.68	-0.82	0.115
Al Hayek AA, et al.	3	children	1	187	8.2	-0.3	0.08
Al Hayek AA, et al.	3	children	1	47	8.5	-0.66	0.238
Al Hayek AA, et al.	3	children	1	47	8.42	-0.33	0.128
Aravamudhan A, et al.	6	children	1	22	8.92	-0.68	0.133
Boucher S, et al.	6	children	1	33	10.75	-0.72	0.35
Campbell FM, et al.	2	children	1	75	7.9	-0.4	0.069
Costigan C, et al.	6	children	1	108	8	-0.3	0.096
Helm N, et al.	2	children	1	31	7.42	-0.22	0.111
Masel A, et al.	3	children	1	10	7.38	-0.1	0.162
Messaoui A, et al.	12	children	1	278	7.8	0.1	0.066
Quirós C, et al.	6	children	1	31	8.4	-0.5	0.198
Tirelli E, et al.	3	children	1	13	9.56	-1.37	0.347
Xatzipsalti M, et al.	3	children	1	51	7.06	-1	0.269

**Table 1b. Studies with a multiple timed endpoints**

Study authors	Outcomes timepoints (month)	Adults/Children	Type of diabetes	Number of subjects	Initial HbA1c (%)	Change in HbA1c (%)	SE Change in HbA1c (%)
Abdalaziz A, et al.	6	adults	1	40	8.56	-0.55	0.174
	12	adults	1	40	8.56	-0.64	0.166
Bolinder J, et al.	3	adults	1	119	6.79	0.06	0.046
	6	adults	1	119	6.79	0.16	0.047
Charleer S, et al.	6	adults	1	1828	7.8	-0.12	0.018
	12	adults	1	1711	7.8	0.03	0.02
Dørflinger GH, et al.	3	adults	1	209	8.31	-0.51	0.05
	6	adults	1	146	8.31	-0.66	0.131
	9	adults	1	75	8.31	-0.66	0.057
	12	adults	1	25	8.31	-0.76	0.197
Eeg-Olofsson K, et al.	6	adults	1	9187	8.1	-0.36	0.013

Study authors	Outcomes timepoints (month)	Adults/Children	Type of diabetes	Number of subjects	Initial HbA1c (%)	Change in HbA1c (%)	SE Change in HbA1c (%)
Greve SV, et al.	12	adults	1	8316	8.1	-0.33	0.013
	6	adults	1	122	8.01	-0.37	0.06
	9	adults	1	62	8.1	-0.18	0.084
	12	adults	1	39	8.01	-0.37	0.105
Klausmann G, et al.	3	adults	1	130	8.14	-0.75	0.15
	6	adults	1	105	8.08	-0.76	0.17
	9	adults	1	89	8.07	-0.72	0.19
	12	adults	1	67	8.11	-0.74	0.21
Londahl M, et al.	3	adults	1	226	8.72	-0.65	0.05
	12	adults	1	226	8.72	-0.74	0.063
	24	adults	1	226	8.72	-0.81	0.071
Nana M, et al.	3	adults	1	72	8.81	-0.73	0.115
	6	adults	1	27	8.69	-0.8	0.264
Paris I, et al.	3	adults	1	107	8.51	-0.67	0.109
	6	adults	1	109	8.51	-0.68	0.117
	9	adults	1	104	8.51	-0.48	0.118
	12	adults	1	102	8.51	-0.46	0.123
Rodia C, et al.	6	adults	1	350	7.8	-0.2	0.043
	12	adults	1	204	7.8	-0.2	0.07
	18	adults	1	39	7.8	-0.3	0.128
Rouhard S, et al.	3	adults	1	172	8.1	-0.3	0.091
	6	adults	1	222	8.1	-0.2	0.094
Tsur A, et al.	3	adults	1	1659	8.1	-0.2	0.071
	6	adults	1	1493	8.1	-0.2	0.07
	9	adults	1	1288	8.1	-0.2	0.072
	12	adults	1	904	8.1	-0.3	0.166
	1	adults	1	20	7.46	-0.18	0.084
Ueno K, et al.	3	adults	1	20	7.46	-0.37	0.102
	3	adults	1	82	9.74	-0.98	0.233
Yadegarfar G, et al.	6	adults	1	82	9.74	-1.47	0.28
	6	adults	2	711	8.6	-0.5	0.054
Eeg-Olofsson K, et al.	12	adults	2	538	8.6	-0.52	0.059
	3	adults	2	149	8.65	-0.44	0.08
Haak T, et al.	6	adults	2	149	8.65	-0.27	0.083
	3	adults	2	145	7.78	-0.54	0.11
Klausmann G, et al.	6	adults	2	115	7.59	-0.43	0.11
	9	adults	2	82	7.5	-0.39	0.13
	12	adults	2	44	7.55	-0.38	0.17
	6	adults	2	774	8.5	-0.8	0.059
Miller E, et al.	12	adults	2	207	8.5	-0.6	0.108
	3	adults	2	48	7.83	-0.43	0.07
Wada E, et al.	6	adults	2	48	7.83	-0.46	0.067
	3	children	1	102	8.56	-0.35	0.058
Campbell F, et al.	6	children	1	102	8.56	-0.4	0.067
	6	children	1	137	7.16	0.1	0.077
Charleer S, et al.	12	children	1	134	7.16	0.46	0.112
	24	children	1	122	7.16	0.4	0.1
	3	children	1	59	8.86	-0.81	0.031
Landau Z, et al.	6	children	1	59	8.2	-0.9	0.06
	12	children	1	59	8.2	-0.7	0.03
	1	children	1	51	7.15	-0.17	0.182
Leiva-Gea I, et al.	3	children	1	108	7.09	0.07	0.096
	6	children	1	84	7.06	0.17	0.273
	2	children	1	33	11.4	-0.5	0.435
Piccoli C, et al.	4	children	1	33	11.4	-0.4	0.453
	3	children	1	52	8.12	-0.52	0.2
Pintus D, et al.	6	children	1	36	8.26	-0.38	0.261
	12	children	1	30	8.18	-0.2	0.294
	3	children	1	47	7.93	-0.09	0.079
Walton-Betancourth S, et al.	6	children	1	44	7.93	-0.18	0.085
	9	children	1	36	7.93	-0.17	0.107
	12	children	1	36	7.93	-0.19	0.112
	15	children	1	31	7.93	0.04	0.099
	3	children	1	72	7.7	-0.2	0.1
Wijnands A, et al.	8	children	1	72	7.7	0.2	0.1

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