

AUTHOR CORRECTION

# Author Correction: Effectiveness and Safety of a Novel Care Model for the Management of Type 2 Diabetes at 1 Year: An Open-Label, Non-Randomized, Controlled Study

Sarah J. Hallberg · Amy L. McKenzie · Paul T. Williams ·  
Nasir H. Bhanpuri · Anne L. Peters · Wayne W. Campbell · Tamara L. Hazbun ·  
Brittanie M. Volk · James P. McCarter · Stephen D. Phinney ·  
Jeff S. Volek

Published online: March 5, 2018  
© The Author(s) 2018. This article is an open access publication

Author Correction to: Diabetes Ther  
<https://doi.org/10.1007/s13300-018-0373-9>

The original version of this article unfortunately contained a mistake.

The presentation of Table 1 and ESM 1 have been published incorrectly. Corrected units have been provided for LDL-C values. The corrected Table 1 in text is given below and ESM Table 1 is available online.

---

The original article can be found online at <https://doi.org/10.1007/s13300-018-0373-9>.

---

**Electronic supplementary material** The online version of this article (<https://doi.org/10.1007/s13300-018-0386-4>) contains supplementary material, which is available to authorized users.

---

S. J. Hallberg · T. L. Hazbun  
Medically Supervised Weight Loss, Indiana  
University Health Arnett, Lafayette, IN, USA

S. J. Hallberg · A. L. McKenzie (✉) ·  
N. H. Bhanpuri · B. M. Volk · J. P. McCarter ·  
S. D. Phinney · J. S. Volek  
Virta Health, San Francisco, CA, USA  
e-mail: amy@virtahealth.com

P. T. Williams  
Independent Consultant, Lafayette, CA, USA

A. L. Peters  
Keck School of Medicine, University of Southern  
California, Los Angeles, CA, USA

W. W. Campbell  
Department of Nutrition Science, Purdue  
University, West Lafayette, IN, USA

J. P. McCarter  
Department of Genetics, Washington University  
School of Medicine, St. Louis, MO, USA

J. S. Volek  
Department of Human Sciences, The Ohio State  
University, Columbus, OH, USA

**Table 1** Baseline characteristics of the recruited sample, completers, and participants with missing data by treatment arm

	All		Completers with data		Dropout or missing data		Completers–dropouts	
	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	Mean $\pm$ SE	
Age (years)								
CCI-all education <sup>a</sup>	262	53.75 (8.35)	218	54.09 (8.35)	44	52.09 (8.25)	2.0 $\pm$ 1.37	
Usual care <sup>a</sup>	87	52.33 (9.52)	78	51.71 (9.62)	9	57.78 (6.85)	$-6.07 \pm 2.53^*$	
CCI-all vs. usual care <sup>b</sup>		1.42 $\pm$ 1.14		2.38 $\pm$ 1.23*		$-5.69 \pm 2.6^*$		
Female (%)								
CCI-all education <sup>a</sup>	262	66.79 $\pm$ 2.91	218	65.14 $\pm$ 3.23	44	75.0 $\pm$ 6.53	$-9.86 \pm 7.28$	
Usual care <sup>a</sup>	87	58.62 $\pm$ 5.28	78	60.26 $\pm$ 5.54	9	44.44 $\pm$ 16.56	15.81 $\pm$ 17.47	
CCI-all vs. usual care <sup>b</sup>		8.17 $\pm$ 6.03		4.88 $\pm$ 6.41		30.56 $\pm$ 17.8		
African American (%)								
CCI-all education <sup>a</sup>	262	6.87 $\pm$ 1.56	218	5.96 $\pm$ 1.6	44	11.36 $\pm$ 4.78	$-5.4 \pm 5.05$	
Usual care <sup>a</sup>	87	0.0 $\pm$ 0.0	78	0.0 $\pm$ 0.0	9	0.0 $\pm$ 0.0	0.0 $\pm$ 0.0	
CCI-all vs. usual care <sup>b</sup>		6.87 $\pm$ 1.56 $\ddagger$		5.96 $\pm$ 1.6 $\ddagger$		11.36 $\pm$ 4.78*		
Years with type 2 diabetes								
CCI-all education <sup>a</sup>	261	8.44 (7.22)	217	8.4 (7.28)	44	8.61 (6.97)	$-0.21 \pm 1.16$	
Usual care <sup>a</sup>	71	7.85 (7.32)	71	7.85 (7.32)		Not collected		
CCI-all vs. usual care <sup>b</sup>		0.59 (0.9)		0.56 $\pm$ 1.0				
Beta-hydroxybutyrate (mmol L $^{-1}$ )								
CCI-all education <sup>a</sup>	248	0.17 (0.15)	186	0.17 (0.15)	62	0.19 (0.16)	$-0.02 \pm 0.02$	
Usual care <sup>a</sup>	79	0.15 (0.13)	59	0.14 (0.12)	20	0.17 (0.15)	$-0.03 \pm 0.03$	
CCI-all vs. usual care <sup>b</sup>		0.02 $\pm$ 0.02		0.02 $\pm$ 0.02		0.02 $\pm$ 0.04		
Hemoglobin A <sub>1c</sub> (mmol mol $^{-1}$ )								
CCI-all education <sup>a</sup>	262	59.55 (16.4)	204	58.35 (15.3)	58	63.49 (19.57)	$-28.66 \pm 2.73$	
Usual care <sup>a</sup>	87	59.99 (19.24)	72	61.08 (19.89)	15	54.52 (14.87)	$-16.97 \pm 4.48$	

**Table 1** continued

	All		Completers with data		Dropout or missing data		Completers–dropouts	
	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	Mean $\pm$ SE	
CCI-all vs. usual care <sup>b</sup>		$-0.44 \pm 2.3$		$-2.73 \pm 2.62$		$8.96 \pm 4.59^*$		
Hemoglobin A <sub>1c</sub> (%)								
CCI-all education <sup>a</sup>	262	7.60 (1.50)	204	7.49 (1.4)	58	7.96 (1.79)	$-0.47 \pm 0.25$	
Usual care <sup>a</sup>	87	7.64 (1.76)	72	7.74 (1.82)	15	7.14 (1.36)	$0.60 \pm 0.41$	
CCI-all vs. usual care <sup>b</sup>		$-0.04 \pm 0.21$		$-0.25 \pm 0.24$		$0.82 \pm 0.42^*$		
Fasting glucose (mmol L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	258	8.92 (3.41)	202	8.8 (3.28)	56	9.36 (3.83)	$-0.55 \pm 0.56$	
Usual care <sup>a</sup>	86	8.67 (4.03)	71	8.71 (3.96)	15	8.5 (4.5)	$0.21 \pm 1.25$	
CCI-all vs. usual care <sup>b</sup>		$0.25 \pm 0.48$		$0.1 \pm 0.52$		$0.86 \pm 1.27$		
Insulin all (pmol L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	248	198.35 (165.85)	186	197.65 (167.17)	62	200.5 (163.21)	$-2.85 \pm 24.1$	
Usual care <sup>a</sup>	79	202.17 (172.58)	59	206.68 (187.93)	20	188.77 (119.18)	$17.99 \pm 36.18$	
CCI-all vs. usual care <sup>b</sup>		$-3.82 \pm 22.09$		$-9.1 \pm 27.36$		$11.74 \pm 33.75$		
C-peptide (nmol L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	247	1.45 (0.71)	185	1.47 (0.72)	62	1.39 (0.69)	$0.07 \pm 0.1$	
Usual care <sup>a</sup>	79	1.38 (0.82)	59	1.35 (0.82)	20	1.49 (0.84)	$-0.14 \pm 0.22$	
CCI-all vs. usual care <sup>b</sup>		$0.07 \pm 0.1$		$0.12 \pm 0.12$		$-0.09 \pm 0.21$		
HOMA-IR (insulin derived), all								
CCI-all education <sup>a</sup>	244	11.8 (13.14)	179	11.19 (12.75)	65	13.48 (14.12)	$-2.3 \pm 1.99$	
Usual care <sup>a</sup>	78	10.64 (9.12)	56	11.31 (10.05)	22	8.94 (6.03)	$2.36 \pm 1.86$	
CCI-all vs. usual care <sup>b</sup>		$1.16 \pm 1.33$		$-0.12 \pm 1.65$		$4.54 \pm 2.17$		

**Table 1** continued

	All		Completers with data		Dropout or missing data		Completers–dropouts	
	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	Mean $\pm$ SE	
HOMA-IR (C-peptide derived)								
CCI-all education <sup>a</sup>	244	11.52 (7.15)	170	11.44 (6.26)	69	11.72 (9.04)	$-0.28 \pm 1.19$	
Usual care <sup>a</sup>	72	11.16 (7.26)	47	10.56 (7.70)	25	12.29 (6.33)	$-1.73 \pm 1.69$	
CCI-all vs. usual care <sup>b</sup>		$0.36 \pm 0.97$		$0.88 \pm 1.22$		$-0.56 \pm 1.67$		
Weight-clinic (kg)								
CCI-all education <sup>a</sup>	257	116.51 (25.94)	184	115.42 (24.62)	73	119.25 (29.01)	$-3.83 \pm 3.85$	
Usual care <sup>a</sup>	83	105.63 (22.15)	69	106.79 (22.18)	14	99.94 (21.86)	$6.84 \pm 6.42$	
CCI-all vs. usual care <sup>b</sup>		$10.87 \pm 2.92\ddagger$		$8.63 \pm 3.23\ddagger$		$19.3 \pm 6.76\ddagger$		
BMI ( $\text{kg m}^{-2}$ )								
CCI-all education <sup>a</sup>	257	40.43 (8.81)	184	39.87 (7.88)	73	41.82 (10.75)	$-1.94 \pm 1.39$	
Usual care <sup>a</sup>	83	36.72 (7.26)	69	37.14 (7.62)	14	34.66 (4.8)	$2.48 \pm 1.58$	
CCI-all vs. usual care <sup>b</sup>		$3.7 \pm 0.97\ddagger$		$2.73 \pm 1.09\ddagger$		$7.15 \pm 1.8\ddagger$		
Systolic blood pressure (mmHg)								
CCI-all education <sup>a</sup>	260	131.94 (14.09)	187	132.51 (14.54)	73	130.47 (12.84)	$2.05 \pm 1.84$	
Usual care <sup>a</sup>	79	129.8 (13.61)	67	128.72 (12.65)	12	135.83 (17.49)	$-7.12 \pm 5.28$	
CCI-all vs. usual care <sup>b</sup>		$2.14 \pm 1.76$		$3.8 \pm 1.88^*$		$-5.37 \pm 5.27$		
Diastolic blood pressure (mmHg)								
CCI-all education <sup>a</sup>	260	82.09 (8.25)	187	81.59 (8.05)	73	83.37 (8.67)	$-1.78 \pm 1.17$	
Usual care <sup>a</sup>	79	82.0 (8.93)	67	81.1 (8.07)	12	87.0 (11.95)	$-5.9 \pm 3.59$	
CCI-all vs. usual care <sup>b</sup>		$0.09 \pm 1.13$		$0.49 \pm 1.15$		$-3.63 \pm 3.6$		
Total cholesterol (mmol L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	247	4.76 (1.07)	186	4.68 (1.03)	61	4.99 (1.15)	$-0.31 \pm 0.17$	
Usual care <sup>a</sup>	79	4.76 (1.19)	59	4.72 (1.26)	20	4.88 (0.93)	$-0.16 \pm 0.27$	

**Table 1** continued

	All		Completers with data		Dropout or missing data		Completers–dropouts	
	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	Mean $\pm$ SE	
CCI-all vs. usual care <sup>b</sup>	– 0.0 $\pm$ 0.15		– 0.04 $\pm$ 0.18		0.11 $\pm$ 0.26			
LDL-cholesterol (mmol L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	232	2.66 (0.85)	172	2.59 (0.84)	60	2.84 (0.86)	– 0.24 $\pm$ 0.13	
Usual care <sup>a</sup>	70	2.63 (0.94)	48	2.60 (0.98)	22	2.69 (0.85)	– 0.09 $\pm$ 0.23	
CCI-all vs. usual care <sup>b</sup>	0.03 $\pm$ 0.13		– 0.01 $\pm$ 0.16		0.14 $\pm$ 0.21			
Apo B (g L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	248	1.05 (0.29)	186	1.03 (0.28)	62	1.1 (0.31)	– 0.06 $\pm$ 0.04	
Usual care <sup>a</sup>	79	1.07 (0.28)	59	1.06 (0.3)	20	1.11 (0.24)	– 0.05 $\pm$ 0.07	
CCI-all vs. usual care <sup>b</sup>	– 0.02 $\pm$ 0.04		– 0.02 $\pm$ 0.04		– 0.01 $\pm$ 0.07			
HDL-C (mmol L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	247	1.09 (0.35)	186	1.1 (0.36)	61	1.08 (0.32)	0.02 $\pm$ 0.05	
Usual care <sup>a</sup>	79	0.97 (0.29)	59	0.96 (0.29)	20	1.02 (0.29)	– 0.06 $\pm$ 0.08	
CCI-all vs. usual care <sup>b</sup>	0.12 $\pm$ 0.04†		0.14 $\pm$ 0.05†		0.06 $\pm$ 0.08			
Triglycerides (mmol L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	247	2.23 (1.62)	186	2.27 (1.73)	61	2.11 (1.25)	0.15 $\pm$ 0.2	
Usual care <sup>a</sup>	79	3.2 (4.53)	59	3.36 (5.17)	20	2.72 (1.56)	0.64 $\pm$ 0.76	
CCI-all vs. usual care <sup>b</sup>	– 0.97 $\pm$ 0.52*		– 1.09 $\pm$ 0.68		– 0.61 $\pm$ 0.38*			
Total/HDL-cholesterol								
CCI-all education <sup>a</sup>	247	4.72 (1.7)	186	4.65 (1.72)	61	4.93 (1.65)	– 0.28 $\pm$ 0.25	
Usual care <sup>a</sup>	79	5.37 (2.42)	59	5.44 (2.63)	20	5.17 (1.72)	0.27 $\pm$ 0.52	
CCI-all vs. usual care <sup>b</sup>	– 0.65 $\pm$ 0.29*		– 0.79 $\pm$ 0.36*		– 0.24 $\pm$ 0.44			
hsC-reactive protein (nmol L <sup>-1</sup> )								
CCI-all education <sup>a</sup>	249	81.33 (138.0)	193	85.62 (153.05)	56	66.76 (62.1)	18.86 $\pm$ 13.81	

**Table 1** continued

	All		Completers with data		Dropout or missing data		Completers–dropouts	
	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	Mean $\pm$ SE	
Usual care <sup>a</sup>	85	84.67 (82.1)	70	86.95 (86.95)	15	73.81 (73.81)	13.14 $\pm$ 19.14	
CCI-all vs. usual care <sup>b</sup>		– 3.24 $\pm$ 12.48		– 1.33 $\pm$ 15.05		– 7.05 $\pm$ 18.19		
ALT ( $\mu$ kat L <sup>–1</sup> )								
CCI-all education <sup>a</sup>	257	0.51 (0.38)	201	0.52 (0.41)	56	0.47 (0.27)	0.05 $\pm$ 0.05	
Usual care <sup>a</sup>	86	0.46 (0.33)	71	0.45 (0.34)	15	0.51 (0.29)	– 0.05 $\pm$ 0.09	
CCI-all vs. usual care <sup>b</sup>		0.05 $\pm$ 0.04		0.07 $\pm$ 0.05		– 0.04 $\pm$ 0.08		
AST ( $\mu$ kat L <sup>–1</sup> )								
CCI-all education <sup>a</sup>	257	0.4 (0.25)	201	0.41 (0.28)	56	0.36 (0.15)	0.04 $\pm$ 0.03	
Usual care <sup>a</sup>	86	0.4 (0.32)	71	0.39 (0.35)	15	0.42 (0.16)	– 0.03 $\pm$ 0.06	
CCI-all vs. usual care <sup>b</sup>		– 0.0 $\pm$ 0.04		0.01 $\pm$ 0.05		– 0.06 $\pm$ 0.05		
Alkaline phosphatase ( $\mu$ kat L <sup>–1</sup> )								
CCI-all education <sup>a</sup>	256	1.24 (0.37)	200	1.24 (0.37)	56	1.23 (0.36)	0.01 $\pm$ 0.05	
Usual care <sup>a</sup>	86	1.29 (0.44)	71	1.31 (0.45)	15	1.22 (0.38)	0.09 $\pm$ 0.11	
CCI-all vs. usual care <sup>b</sup>		– 0.05 $\pm$ 0.05		– 0.07 $\pm$ 0.06		0.01 $\pm$ 0.11		
Serum creatinine ( $\mu$ mol L <sup>–1</sup> )								
CCI-all education <sup>a</sup>	258	77.79 (21.22)	202	77.79 (20.33)	56	81.33 (24.75)	– 3.54 $\pm$ 3.54	
Usual care <sup>a</sup>	86	80.44 (22.1)	71	78.68 (20.33)	15	86.63 (25.64)	– 7.07 $\pm$ 7.07	
CCI-all vs. usual care <sup>b</sup>		– 1.77 $\pm$ 2.65		– 1.77 $\pm$ 2.65		– 5.3 $\pm$ 7.07		
BUN (mmol L <sup>–1</sup> )								
CCI-all education <sup>a</sup>	258	6.03 (2.34)	202	6.06 (2.15)	56	5.9 (2.96)	0.16 $\pm$ 0.42	
Usual care <sup>a</sup>	86	5.73 (2.23)	71	5.59 (1.86)	15	6.38 (3.52)	– 0.79 $\pm$ 0.94	
CCI-all vs. usual care <sup>b</sup>		0.3 $\pm$ 0.28		0.47 $\pm$ 0.27		– 0.47 $\pm$ 0.99		

**Table 1** continued

	All		Completers with data		Dropout or missing data		Completers–dropouts	
	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	Mean $\pm$ SE	
eGFR ( $\text{mL s}^{-1} \text{m}^{-2}$ )								
CCI-all education <sup>a</sup>	258	1.34 (0.23)	202	1.35 (0.22)	56	1.33 (0.25)	0.02 $\pm$ 0.04	
Usual care <sup>a</sup>	86	1.32 (0.23)	71	1.34 (0.22)	15	1.26 (0.28)	0.08 $\pm$ 0.08	
CCI-all vs. usual care <sup>b</sup>		0.02 $\pm$ 0.03		0.02 $\pm$ 0.03		0.03 $\pm$ 0.08		
Anion gap ( $\text{mmol L}^{-1}$ )								
CCI-all education <sup>a</sup>	257	6.83 (1.67)	201	6.79 (1.7)	56	6.98 (1.53)	- 0.19 $\pm$ 0.24	
Usual care <sup>a</sup>	86	6.93 (1.82)	71	6.92 (1.82)	15	7.0 (1.89)	- 0.08 $\pm$ 0.53	
CCI-all vs. usual care <sup>b</sup>		- 0.1 $\pm$ 0.22		- 0.12 $\pm$ 0.25		- 0.02 $\pm$ 0.53		
Uric acid ( $\mu\text{mol L}^{-1}$ )								
CCI-all education <sup>a</sup>	261	347.99 (86.85)	202	348.58 (86.25)	59	346.2 (89.82)	2.38 $\pm$ 13.09	
Usual care <sup>a</sup>	85	333.12 (87.44)	71	330.74 (85.66)	14	345.01 (98.75)	- 14.28 $\pm$ 28.55	
CCI-all vs. usual care <sup>b</sup>		14.87 $\pm$ 10.71		17.25 $\pm$ 11.9		1.19 $\pm$ 29.15		
TSH ( $\text{mIU L}^{-1}$ )								
CCI-all education <sup>a</sup>	259	2.32 (1.74)	200	2.31 (1.79)	59	2.38 (1.55)	- 0.07 $\pm$ 0.24	
Usual care <sup>a</sup>	85	1.97 (1.16)	70	2.09 (1.16)	15	1.38 (1.03)	0.71 $\pm$ 0.3*	
CCI-all vs. usual care <sup>b</sup>		0.36 $\pm$ 0.17*		0.21 $\pm$ 0.19		1.0 $\pm$ 0.33†		
Free T4 ( $\text{pmol L}^{-1}$ )								
CCI-all education <sup>a</sup>	260	11.84 (2.19)	202	11.84 (2.32)	58	11.58 (2.19)	0.26 $\pm$ 0.39	
Usual care <sup>a</sup>	86	11.33 (3.73)	71	11.33 (3.86)	15	10.94 (2.32)	0.39 $\pm$ 0.77	
CCI-all vs. usual care <sup>b</sup>		0.51 $\pm$ 0.39		0.51 $\pm$ 0.51		0.64 $\pm$ 0.64		
Any diabetes medication, excluding metformin (%)								
CCI-all education <sup>a</sup>	262	56.87 $\pm$ 3.06	218	55.50 $\pm$ 3.37	44	63.64 $\pm$ 7.25	- 8.13 $\pm$ 8.00	
Usual care <sup>a</sup>	87	66.67 $\pm$ 5.05	73	68.49 $\pm$ 5.44	14	57.14 $\pm$ 13.23	11.35 $\pm$ 14.32	
CCI-all vs. usual care <sup>b</sup>		- 9.80 $\pm$ 5.91		- 12.99 $\pm$ 6.39*		6.49 $\pm$ 15.08		

**Table 1** continued

	All		Completers with data		Dropout or missing data		Completers–dropouts	
	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	Mean $\pm$ SE	
Sulfonylurea (%)								
CCI-all education <sup>a</sup>	262	23.66 $\pm$ 2.63	218	24.31 $\pm$ 2.91	44	20.45 $\pm$ 6.08	3.86 $\pm$ 6.74	
Usual care <sup>a</sup>	87	24.14 $\pm$ 4.59	73	23.29 $\pm$ 4.95	14	28.57 $\pm$ 12.07	– 5.28 $\pm$ 13.05	
CCI-all vs. usual care <sup>b</sup>		– 0.48 $\pm$ 5.29		1.02 $\pm$ 5.74		– 8.12 $\pm$ 13.52		
Insulin (%)								
CCI-all education <sup>a</sup>	262	29.77 $\pm$ 2.82	218	28.44 $\pm$ 3.06	44	36.36 $\pm$ 7.25	– 7.92 $\pm$ 7.87	
Usual care <sup>a</sup>	87	45.98 $\pm$ 5.34	78	50.0 $\pm$ 5.66	9	11.11 $\pm$ 10.48	38.89 (1.91) <sup>‡</sup>	
CCI-all vs. usual care <sup>b</sup>		– 16.21 $\pm$ 6.04 <sup>†</sup>		– 21.56 $\pm$ 6.43 <sup>‡</sup>		25.25 $\pm$ 12.74 <sup>*</sup>		
Thiazolidinedione (%)								
CCI-all education <sup>a</sup>	262	1.53 $\pm$ 0.76	218	1.83 $\pm$ 0.91	44	0.0 $\pm$ 0.0	1.83 $\pm$ 0.91 <sup>*</sup>	
Usual care <sup>a</sup>	87	1.15 $\pm$ 1.14	73	1.37 $\pm$ 1.36	14	0.0 $\pm$ 0.0	1.37 $\pm$ 1.36	
CCI-all vs. usual care <sup>b</sup>		0.38 $\pm$ 1.37		0.46 $\pm$ 1.64		0.0 $\pm$ 0.0		
SGLT-2 (%)								
CCI-all education <sup>a</sup>	262	10.31 $\pm$ 1.88	218	10.55 $\pm$ 2.08	44	9.09 $\pm$ 4.33	1.46 $\pm$ 4.81	
Usual care <sup>a</sup>	87	13.79 $\pm$ 3.7	73	15.07 $\pm$ 4.19	14	7.14 $\pm$ 6.88	7.93 $\pm$ 8.06	
CCI-all vs. usual care <sup>b</sup>		– 3.48 $\pm$ 4.15		– 4.52 $\pm$ 4.68		1.95 $\pm$ 8.13 <sup>*</sup>		
DPP-4 (%)								
CCI-all education <sup>a</sup>	262	9.92 $\pm$ 1.85	218	10.09 $\pm$ 2.04	44	9.09 $\pm$ 4.33	1.0 $\pm$ 4.79	
Usual care <sup>a</sup>	87	8.05 $\pm$ 2.92	73	8.22 $\pm$ 3.21	14	7.14 $\pm$ 6.88	1.08 $\pm$ 7.60	
CCI-all vs. usual care <sup>b</sup>		1.87 $\pm$ 3.45		1.87 $\pm$ 3.81		1.95 $\pm$ 8.13		
GLP-1 (%)								
CCI-all education <sup>a</sup>	262	13.36 $\pm$ 2.1	218	12.84 $\pm$ 2.27	44	15.91 $\pm$ 5.51	– 3.07 $\pm$ 5.96	
Usual care <sup>a</sup>	87	14.94 $\pm$ 3.82	73	16.44 $\pm$ 4.34	14	7.14 $\pm$ 6.88	9.30 $\pm$ 8.14	
CCI-all vs. usual care <sup>b</sup>		– 1.58 $\pm$ 4.36		– 3.59 $\pm$ 4.89		8.77 $\pm$ 8.82		

**Table 1** continued

	All		Completers with data		Dropout or missing data		Completers–dropouts	
	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	N	Mean (SD) or $\pm$ SE	Mean $\pm$ SE	
Metformin (%)								
CCI-all education <sup>a</sup>	262	71.37 $\pm$ 2.79	218	71.56 $\pm$ 3.06	44	70.45 $\pm$ 6.88	1.11 $\pm$ 7.53	
Usual care <sup>a</sup>	87	60.92 $\pm$ 5.23	73	61.64 $\pm$ 5.69	14	57.14 $\pm$ 13.23	4.50 $\pm$ 14.40	
CCI-all vs. usual care <sup>b</sup>		10.45 $\pm$ 5.93		9.92 $\pm$ 6.46		13.31 $\pm$ 14.91		

See Table S1 (electronic supplemental materials) for CCI-web, CCI-onsite, and additional comparisons

<sup>a</sup> Mean and standard deviations for continuous variables, percents and standard errors for categorical variables

<sup>b</sup> Difference between means or percentages  $\pm$  1 standard error of the difference. Significant baseline difference between means or percentages at  $0.05 > P \geq 0.01$  (\*);  $0.01 > P \geq 0.001$  (†);  $0.001 > P \geq 0.0001$  (‡); and  $P < 0.0001$  (§)

## OPEN ACCESS

This article is distributed under the terms of the Creative Commons Attribution-NonCommercial 4.0 International License (<http://creativecommons.org/licenses/by-nc/4.0/>), which

permits any noncommercial use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made.