

**S11: Table S2. Characteristics of PCPs (additional variables)**

Variable and Characteristics		Randomized Group			Nom P-value*
		Overall (N = 230)	Control (N = 113)	DSC2U (N = 117)	
<b>Practice characteristics of PCPs</b>					
Panel size	mean±SD (range)	2487±1995 (100,15,000)	2511±1729 (100,9195)	2463±2232 (330,15,000)	0.882
Number of patients with DS	mean±SD (range)	10.0±18.1 (1.0,200)	8.4±12.0 (1.0,100)	11.4±22.3 (1.0,200)	0.288
Difficulty obtaining thyroid test (TSH and FreeT4) <sup>††</sup>	Somewhat difficult	1 (0.6%)	0 (0.0%)	1 (1.1%)	0.721
	Not very difficult	13 (7.3%)	8 (9.2%)	5 (5.4%)	
	Not at all difficult	165 (92.2%)	79 (90.8%)	86 (93.5%)	
	[missing]	51	26	25	
Difficulty obtaining Celiac screening <sup>†</sup>	Somewhat difficult	1 (0.6%)	0 (0.0%)	1 (1.1%)	0.305
	Not very difficult	18 (10.1%)	12 (13.8%)	6 (6.5%)	
	Not at all difficult	160 (89.4%)	75 (86.2%)	85 (92.4%)	
	[missing]	51	26	25	
Difficulty obtaining an audiogram <sup>†</sup>	Somewhat difficult	10 (5.6%)	3 (3.5%)	7 (7.6%)	0.770
	Not very difficult	59 (33.1%)	31 (36.0%)	28 (30.4%)	
	Not at all difficult	109 (61.2%)	52 (60.5%)	57 (62.0%)	
	[missing]	52	27	25	
Difficulty obtaining a sleep study <sup>†</sup>	Very difficult	13 (7.3%)	5 (5.7%)	8 (8.7%)	0.385
	Somewhat difficult	48 (26.8%)	26 (29.9%)	22 (23.9%)	
	Not very difficult	66 (36.9%)	36 (41.4%)	30 (32.6%)	
	Not at all difficult	52 (29.1%)	20 (23.0%)	32 (34.8%)	
	[missing]	51	26	25	
Difficulty obtaining an ophthalmology examination <sup>†</sup>	Very difficult	5 (2.8%)	3 (3.5%)	2 (2.2%)	0.336
	Somewhat difficult	19 (10.7%)	9 (10.5%)	10 (10.9%)	
	Not very difficult	65 (36.5%)	35 (40.7%)	30 (32.6%)	
	Not at all difficult	89 (50.0%)	39 (45.3%)	50 (54.3%)	
	[missing]	52	27	25	

Variables and Characteristics		Randomized Group			Nom p-value*
		Overall (N=230)	Control (N=113)	DSC2U (N=117)	
<b>Relationship caregiver has with PCP (respondent: caregiver)</b>					
HCAHPS <sup>‡</sup> top- level score (%)	mean±SD (range)	75.1±25.7 (0.0,100)	74.2±24.5 (0.0,100)	75.9±27.0 (0.0,100)	0.625
Wellness visit rating <sup>#</sup>	2	1 (0.5%)	1 (0.9%)	0 (0.0%)	0.395
	4	4 (1.9%)	1 (0.9%)	3 (2.9%)	
	5	4 (1.9%)	2 (1.8%)	2 (1.9%)	
	6	9 (4.2%)	4 (3.7%)	5 (4.9%)	
	7	18 (8.5%)	10 (9.2%)	8 (7.8%)	
	8	46 (21.7%)	26 (23.9%)	20 (19.4%)	
	9	69 (32.5%)	43 (39.4%)	26 (25.2%)	
	10	61 (28.8%)	22 (20.2%)	39 (37.9%)	
	[missing]	18	4	14	
	mean±SD (range)	8.57±1.43 (2.00,10.0)	8.49±1.37 (2.00,10.0)	8.66±1.51 (4.00,10.0)	
Provider rating <sup>¶</sup>	2	1 (0.5%)	1 (0.9%)	0 (0.0%)	0.388
	4	3 (1.4%)	1 (0.9%)	2 (1.9%)	
	5	4 (1.9%)	2 (1.8%)	2 (1.9%)	
	6	6 (2.8%)	3 (2.8%)	3 (2.9%)	
	7	14 (6.6%)	5 (4.6%)	9 (8.7%)	
	8	31 (14.6%)	22 (20.2%)	9 (8.7%)	
	9	71 (33.5%)	40 (36.7%)	31 (30.1%)	
	10	82 (38.7%)	35 (32.1%)	47 (45.6%)	
	[missing]	18	4	14	
	mean±SD (range)	8.84±1.39 (2.00,10.0)	8.76±1.37 (2.00,10.0)	8.93±1.40 (4.00,10.0)	

Variable and Characteristics		Randomized Group			Nom P-value*
		Overall (N=230)	Control (N=113)	DSC2U (N=117)	
<b>Relationship PCP has with caregiver (respondent: PCP)</b>					
How would you rate the quality of your communication with the patient's caregiver? <sup>§</sup>	Excellent	125 (69.8%)	58 (66.7%)	67 (72.8%)	0.347
	Very Good	44 (24.6%)	23 (26.4%)	21 (22.8%)	
	Good	8 (4.5%)	5 (5.7%)	3 (3.3%)	
	Fair	2 (1.1%)	1 (1.1%)	1 (1.1%)	
	[missing]	51	26	25	

How much time did you spend with [name] at the most recent wellness visit?	15 minutes or less	6 (3.4%)	2 (2.3%)	4 (4.3%)	0.489
	16–30 minutes	120 (67.4%)	62 (72.1%)	58 (63.0%)	
	31–45 minutes	47 (26.4%)	20 (23.3%)	27 (29.3%)	
	more than 45 minutes	5 (2.8%)	2 (2.3%)	3 (3.3%)	
	[missing]	52	27	25	
Spent enough time with the patient	No	2 (1.1%)	2 (2.3%)	0 (0.0%)	0.081
	Yes, somewhat	37 (20.8%)	21 (24.4%)	16 (17.4%)	
	Yes, definitely	139 (78.1%)	63 (73.3%)	76 (82.6%)	
	[missing]	52	27	25	
Caregiver able to provide information the PCP needed to assess the patient’s history and create a care plan	Yes, somewhat	14 (8.0%)	11 (12.8%)	3 (3.3%)	0.020*
	Yes, definitely	162 (92.0%)	75 (87.2%)	87 (96.7%)	
	[missing]	54	27	27	
Did the caregiver discuss concerns about the patient's health? <sup>††</sup>	No	2 (1.1%)	1 (1.2%)	1 (1.1%)	0.084
	Yes, somewhat	13 (7.5%)	10 (11.9%)	3 (3.3%)	
	Yes, definitely	159 (91.4%)	73 (86.9%)	86 (95.6%)	
	[missing]	56	29	27	

**Abbreviations:** PCP: Primary care provider; SD: Standard deviation; TSH: Thyroid stimulating hormone

**Notes:**

\*P-value <0.05, \*\* p-value <0.01, \*\*\* p-value <0.001

<sup>†</sup>These variables were scaled from “Very difficult, Somewhat difficult, Not very difficult, Not at all difficult.” The answers not represented (e.g., Very difficult) had zero responses.

<sup>‡</sup>HCAHPS stands for Hospital Consumer Assessment of Healthcare Providers and Systems and is the nationally standardized survey of patients’ perspectives of hospital care.

<sup>#</sup>The Wellness visit rating is scaled from 0–10 with 0 meaning the “Worst wellness visit possible” and 10 meaning the “Best wellness visit possible.” The numbers that are not represented here (e.g., 0, 1, 3) had zero responses.

<sup>¶</sup>The Provider rating is scaled from 0–10 with 0 meaning the “Worst provider possible” and 10 meaning the “Best provider possible.” The numbers that are not represented here (e.g., 0, 1, 3) had zero responses.

<sup>§</sup>These variables included the answer options of “Excellent, Very Good, Good, Fair, and Poor.” If an answer is not included, it is because there was no response.

<sup>††</sup>These variables included the answer options of “Yes, definitely, Yes, somewhat, and No.” If an answer is not included, it is because there was no response.