

Appendix B. Ancillary Tables 1-18

Appendix Table 1. Non-Imputed Vanderbilt Parent Rating Scale Scores by Study Visit ^{a,b}

Outcome Measures	Care Manager + Portal		Portal Alone		P-value
	n	Score (Mean, SD)	n	Score (Mean, SD)	
Study Visit 1 VPRS (SD)	150	31.3 (10.8)	147	32.5 (11.8)	0.374
Study Visit 2 VPRS (SD)	136	29.0 (11.5)	109	28.5 (12.0)	0.742
Study Visit 3 VPRS (SD)	125	26.1 (11.7)	101	27.8 (11.9)	0.297
Study Visit 4 VPRS (SD)	134	26.0 (11.0)	120	26.6 (12.1)	0.720

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices

^b VPRS refers to Vanderbilt Parent Rating Scale

Appendix Table 2. Non-Imputed Parent Patient Reported Outcomes Scores by Study Visit and Intervention Arm

a,b,c

Parent PROs Domain	Care Manager + Portal		Portal Alone		P-value
	n	Score	n	Score	
School Performance					
Study Visit 1	150	2.78	148	2.82	0.706
Study Visit 2	125	2.92	114	2.99	0.551
Study Visit 3	120	3.05	102	3.05	0.970
Study Visit 4	128	3.03	123	3.08	0.659
Student Engagement					
Study Visit 1	139	2.93	144	3.01	0.395
Study Visit 2	127	3.09	122	3.17	0.459
Study Visit 3	122	3.10	103	3.19	0.374
Study Visit 4	128	3.14	122	3.24	0.356
Peer Relationship					
Study Visit 1	149	3.55	148	3.56	0.886
Study Visit 2	132	3.57	121	3.64	0.472
Study Visit 3	126	3.64	105	3.63	0.973
Study Visit 4	137	3.67	121	3.74	0.463

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices.

^b PROs refers to Patient Reported Outcomes

^c Study Visit 1 refers to baseline measures, Study Visit 2 refers to measures completed between month 2 and month 4, Study Visit 3 refers to measures completed between month 5 and month 7, and Study Visit 4 refers to measures completed between month 8 and month 12.

Appendix Table 3. Non-Imputed Child Patient Reported Outcomes Scores by Study Visit and Intervention Arm ^{a,b,c}

Child PROs Domain	Care Manager + Portal		Portal Alone		P-value
	n	Score	n	Score	
School Performance					
Study Visit 1	118	3.41	120	3.52	0.280
Study Visit 2	92	3.29	91	3.21	0.523
Study Visit 3	97	3.24	79	3.26	0.846
Study Visit 4	96	3.39	99	3.24	0.201
Student Engagement					
Study Visit 1	121	3.05	120	3.11	0.563
Study Visit 2	94	3.06	93	3.11	0.649
Study Visit 3	96	3.00	81	3.15	0.247
Study Visit 4	99	2.95	100	3.08	0.302
Peer Relationships					
Study Visit 1	119	4.08	117	4.03	0.565
Study Visit 2	96	3.94	95	3.81	0.264
Study Visit 3	97	3.98	80	3.83	0.180
Study Visit 4	103	3.97	101	3.90	0.555
Family Relationships					
Study Visit 1	118	3.82	117	3.85	0.794
Study Visit 2	99	3.81	91	3.86	0.546
Study Visit 3	96	3.75	82	3.97	0.038
Study Visit 4	103	3.82	101	3.81	0.910
Teacher connectedness					
Study Visit 1	114	3.74	116	3.81	0.466
Study Visit 2	87	3.84	78	3.85	0.950
Study Visit 3	89	3.77	74	3.83	0.645
Study Visit 4	85	3.68	90	3.74	0.649

^a Participants were children aged 8-12 years old with ADHD who were recruited from 11 primary care pediatric practices.

^b PROs refers to Patient Reported Outcomes

^c Study Visit 1 refers to baseline measures, Study Visit 2 refers to measures completed between month 2 and month 4, Study Visit 3 refers to measures completed between month 5 and month 7, and Study Visit 4 refers to measures completed between month 8 and month 12.

Appendix Table 4. Fully Implemented Caregiver and Teacher Care Management Fidelity Checklists for the Intervention Arm

	Total N	N Full Completed	%
Parent Session 1	154	108	70.1
Parent Session 2	103	66	64.1
Parent Session 3	56	35	62.5
Parent Session 4	19	11	57.9
Parent Session 5	1	1	100.0
Teacher Session 1	49	26	53.1
Teacher Session 2	18	16	88.9
Teacher Session 3	3	2	66.7
Overall Parent Sessions	333	221	66.4
Overall Teacher Sessions	70	44	62.9

Appendix Table 5. Adjusted Academic Goal Attainment Scores, Time by Intervention Interaction and Race/Ethnicity, Urbanicity, Education, Medication Status, and Median Household Income ^{a,b,c,d,e,f,g,h,i,j,k,l,m,n}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-0.496	-1.411, 0.420	0.289
Time (days)	0.002	-0.002, 0.005	0.331
Intervention X Time	0.003	-0.002, 0.007	0.244
Season			
Winter	0.043	-0.445, 0.530	0.864
Spring	-0.196	-0.681, 0.289	0.428
Summer	-0.376	-0.885, 0.133	0.148
Race/Ethnicity			
Black	-0.017	-0.555, 0.522	0.952
Hispanic	1.262	0.179, 2.345	0.022
Other	0.846	0.194, 1.499	0.011
Urban	-0.373	-0.852, 0.106	0.127
> High school education	-0.113	-0.565, 0.338	0.622
On Medication	-0.242	-0.607, 0.123	0.194
Median Household Income	0.003	-0.004, 0.010	0.382

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. After imputation, there were 331 individual person-timepoints

^b Random effects models regressed Academic Goal Attainment scores on intervention status, time (days), intervention by time, race, urbanicity, education, medication status, median household income, and season and clustered by doctor's office

^c Goal attainment was measured with a 7-point likert scale (0-Never, 1-Occasionally, 2-A little less than half the time, 3-Sometimes, 4-A little more than half the time, 5-Very frequently, 6-Always).

^d The reference group for Season was Fall

^e Race/ethnicity self-reported by participant's parent

^f The reference group for Race/Ethnicity was White

^g Participants with home address within the city of Philadelphia were labeled urban. Participants outside the city of Philadelphia were labeled suburban.

^h The reference group for Urbanicity was Suburban

ⁱ Education self-reported by participant-parent

^j The reference group for Education was \leq High School education

^k Medication status reported by parent at time of survey; if medication status was missing on the self-reported survey, status was included from the EHR at a clinic visit within 1 month of the corresponding survey date

^l The reference group for Medication Status was not being on medication

^m Median household income at the Census tract level, ACS 2016

ⁿ Median household income measured by 10,000

Appendix Table 6. Adjusted Behavior Goal Attainment Scores, Time by Intervention Interaction and Race/Ethnicity, Urbanicity, Education, Medication Status, and Median Household Income ^{a,b,c,d,e,f,g,h,i,j,k,l,m,n}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-0.141	-1.771, 1.489	0.865
Time (days)	-0.001	-0.007, 0.005	0.739
Intervention X Time	0.000	-0.007, 0.008	0.967
Season			
Winter	-0.217	-1.087, 0.653	0.625
Spring	0.416	-0.512, 1.343	0.380
Summer	-0.275	-1.121, 0.572	0.524
Race/Ethnicity			
Black	-0.663	-1.774, 0.448	0.242
Hispanic	-1.534	-2.882, -0.186	0.026
Other	0.054	-1.164, 1.273	0.931
Urban	0.263	-0.707, 1.233	0.595
> High school education	0.524	-0.240, 1.288	0.179
On Medication	0.679	-0.076, 1.434	0.078
Median Household Income	-0.012	-0.026, 0.002	0.090

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. After imputation, there were 114 individual person-timepoints

^b Random effects models regressed Behavior Goal Attainment scores on intervention status, time (days), intervention by time, race, urbanicity, education, medication status, median household income, and season and clustered by doctor's office

^c Goal attainment was measured with a 7-point likert scale (0-Never, 1-Occasionally, 2-A little less than half the time, 3-Sometimes, 4-A little more than half the time, 5-Very frequently, 6-Always).

^d The reference group for Season was Fall

^e Race/ethnicity self-reported by participant's parent

^f The reference group for Race/Ethnicity was White

^g Participants with home address within the city of Philadelphia were labeled urban. Participants outside the city of Philadelphia were labeled suburban.

^h The reference group for Urbanicity was Suburban

ⁱ Education self-reported by participant-parent

^j The reference group for Education was \leq High School education

^k Medication status reported by parent at time of survey; if medication status was missing on the self-reported survey, status was included from the EHR at a clinic visit within 1 month of the corresponding survey date

^l The reference group for Medication Status was not being on medication

^m Median household income at the Census tract level, ACS 2016

ⁿ Median household income measured by 10,000

Appendix Table 7. Adjusted Relationship Goal Attainment Scores, Time by Intervention Interaction and Race/Ethnicity, Urbanicity, Education, Medication Status, and Median Household Income ^{a,b,c,d,e,f,g,h,i,j,k,l,m,n}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-0.180	-1.512, 1.152	0.791
Time (days)	0.001	-0.003, 0.005	0.569
Intervention X Time	-0.001	-0.008, 0.005	0.671
Season			
Winter	0.055	-0.635, 0.745	0.876
Spring	0.266	-0.438, 0.970	0.460
Summer	0.076	-0.654, 0.806	0.838
Race/Ethnicity			
Black	-0.739	-1.482, 0.003	0.051
Hispanic	-1.948	-4.371, 0.476	0.115
Other	-0.061	-1.003, 0.880	0.898
Urban	-0.716	-1.529, 0.098	0.085
> High school education	-0.235	-0.823, 0.354	0.434
On Medication	0.549	-0.008, 1.091	0.047
Median Household Income	-0.025	-0.038, -0.012	< 0.001

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. After imputation, there were 163 individual person-timepoints

^b Random effects models regressed Relationship Goal Attainment scores on intervention status, time (days), intervention by time, race, urbanicity, education, medication status, median household income, and season and clustered by doctor's office

^c Goal attainment was measured with a 7-point likert scale (0-Never, 1-Occasionally, 2-A little less than half the time, 3-Sometimes, 4-A little more than half the time, 5-Very frequently, 6-Always).

^d The reference group for Season was Fall

^e Race/ethnicity self-reported by participant's parent

^f The reference group for Race/Ethnicity was White

^g Participants with home address within the city of Philadelphia were labeled urban. Participants outside the city of Philadelphia were labeled suburban.

^h The reference group for Urbanicity was Suburban

ⁱ Education self-reported by participant-parent

^j The reference group for Education was \leq High School education

^k Medication status reported by parent at time of survey; if medication status was missing on the self-reported survey, status was included from the EHR at a clinic visit within 1 month of the corresponding survey date

^l The reference group for Medication Status was not being on medication

^m Median household income at the Census tract level, ACS 2016

ⁿ Median household income measured by 10,000

Appendix Table 8. AES item-level dimensionality and item response theory (IRT) ^{a,b,c}

	Standardized factor loadings ^b	Item-to- subscale total correlation	Alpha with item removed	IRT parameters ^c			
				a	b1	b2	b3
Factor 1: Care team accessibility/communication							
5. Members of the care team ask me if I have questions or concerns about my child's ADHD.	0.74	0.71	0.87	2.05	-1.64	-0.79	-0.19
10. Members of the care team listen to my concerns.	0.95	0.85	0.82	4.18	-1.85	-1.52	-0.56
16. Members of the care team answer my questions in a timely manner.	0.87	0.85	0.82	3.10	-1.91	-1.28	-0.27
17. I can reach members of the care team by telephone or email if I need to.	0.82	0.74	0.86	2.43	-1.94	-1.37	-0.50
13. Members of the care team give me enough time to say what I think is important.	0.94	0.89	0.80	4.96	-1.72	-1.17	-0.44
Factor 2: Patient/Family-Centered Care							
7. The care team understands what I hope to gain from my child's ADHD care.	0.91	0.89	0.91	4.79	-1.54	-0.94	-0.17
12. The care team understands the goals that I have for my child	0.94	0.87	0.91	4.18	-1.81	-1.02	-0.20
8. Members of the care team and I decided how to treat my child's ADHD together.	0.87	0.85	0.91	3.80	-1.43	-0.85	-0.18
15. Members of the care team want the best for my child.	0.91	0.82	0.92	3.67	-2.02	-1.58	-0.52
6. I trust my child's care team.	0.90	0.87	0.91	4.02	-1.50	-0.96	-0.14
9. Members of the care team respect me.	0.89	0.83	0.92	4.37	-2.07	-1.46	-0.58
Factor 3: Communication among members of care team							
18. Members of my child's care team communicate with each other about how my child is doing.	0.90	0.84	0.88	1.99	-0.99	-0.14	0.68
19. Members of the care team communicate directly with my child's teachers	0.93	0.92	0.74	4.26	-0.33	0.24	0.78
IRT parameters ^c							

	Standardized factor loadings ^b	Item-to-subscale total correlation	Alpha with item removed	IRT parameters ^c			
				a	b1	b2	b3
20. My child's teacher communicates with the care team about how my child is doing in school.	0.89	0.9	0.78	4.01	-0.29	0.26	0.83
21-28. Aggregate of "I understand how impact of ADHD on child" items ^a	0.83	0.84	0.88	3.20	-0.17	0.30	0.68
22. I have the information I need to make decisions about my child's ADHD care.	0.92	0.86	0.88	4.50	-1.17	-0.61	0.32
24. I am confident that I can answer my child's questions about his/her ADHD.	0.85	0.85	0.88	4.01	-1.26	-0.54	0.38
26. I know what to do each day to help my child with ADHD.	0.81	0.83	0.89	3.02	-1.09	-0.26	0.81
27. I understand the possible risks and benefits of different ADHD treatment options.	0.91	0.86	0.88	3.76	-1.14	-0.35	0.71

^a Count of "very much" response to four "understand impact" items: All items start with "I understand how ADHD may impact..." item 21: my children's behavior; item #23: how

my child performs in school; item #25: my child's relationships with adults; item #28: my child's relationships with other children.

^b Fit statistics for a 4-factor CFA model with weighted least squares means and variance adjusted estimator: Comparative fit index (CFI) = 0.99; Tucker Lewis Index (TLI) = 0.99;

Root mean square error of approximation (RMSEA) = 0.

Appendix Table 9. Adjusted Vanderbilt Parent Rating Scale Scores, Intervention by Access Engagement Score^{a,b,c,d}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-15.800	-32.446, 0.847	0.060
Access Engagement Score	-6.032	-9.656, -3.408	0.001
Intervention X Access Engagement Score	4.046	-0.410, 8.502	0.070
Season			
Winter	-0.473	-4.382, 3.436	0.787
Spring	-2.236	-8.183, 3.712	0.411
Summer	0.148	-4.689, 4.984	0.946

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. Engagement measure was completed at Study Visit 4. After imputation, there were 251 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status by access engagement score and season and clustered by doctor's office

^d The reference group for Season was Fall

Appendix Table 10. Adjusted Vanderbilt Parent Rating Scale Scores, Intervention by PFCC Engagement Score^{a,b,c,d,e}

Appendix Table 10. Adjusted Vanderbilt Parent Rating Scale Scores, Intervention by PFCC Engagement Score^{a,b,c,d,e}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-10.769	-26.814, 5.276	0.160
PFCC Engagement Score	-4.308	-7.036, -1.580	0.007
Intervention X PFCC Engagement Score	2.478	-1.661	6.617
Season			
Winter	-0.637	-4.628, 3.353	0.722
Spring	-1.068	-7.286, 5.150	0.702
Summer	0.236	-5.265, 4.738	0.923

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. Engagement measure was completed at Study Visit 4. After imputation, there were 259 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status by PFCC engagement score and season and clustered by doctor's office

^d The reference group for Season was Fall

^e PFCC refers to Patient- and Family-Centered ADHD Care

Appendix Table 11. Adjusted Vanderbilt Parent Rating Scale Scores, Intervention by Communication Engagement Score^{a,b,c,d}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-3.244	-10.154, 3.664	0.310
Communication Engagement Score	-1.501	-3.618, 0.618	0.141
Intervention X Communication Engagement Score	0.338	-2.247, 2.923	0.771
Season			
Winter	-0.673	-4.916, 3.571	0.724
Spring	-1.260	-8.080, 5.561	0.681
Summer	1.104	-4.064, 6.273	0.635

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. Engagement measure was completed at Study Visit 4. After imputation, there were 245 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status by communication engagement score and season and clustered by doctor's office

^d The reference group for Season was Fall

Appendix Table 12. Adjusted Vanderbilt Parent Rating Scale Scores, Intervention by Understanding Engagement Score^{a,b,c,d}

^aAppendix Table 12. Adjusted Vanderbilt Parent Rating Scale Scores, Intervention by Understanding Engagement Score^{a,b,c,d}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-5.120	-16.608, 6.369	0.334
Understanding Engagement Score	-4.110	-6.857, -1.363	0.009
Intervention X Understanding Engagement Score	1.112	-2.593, 4.818	0.508
Season			
Winter	-0.171	-4.610, 4.269	0.931
Spring	-1.153	-7.070, 4.765	0.665
Summer	0.242	-5.553, 6.037	0.926

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. Engagement measure was completed at Study Visit 4. After imputation, there were 245 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status by understanding engagement score and season and clustered by doctor's office

^d The reference group for Season was Fall

Appendix Table 13. Descriptive Characteristics of Study Participants' Use of Services ^{a,b}

Service	Care Manager + Portal Ever Used Service	Portal Alone Ever Used Service	P-Value	Care Manager + Portal Use in the Past 9 Months	Portal Alone Use in the Past 9 Months	P-Value
Community mental health or outpatient clinic						
Yes (%)	51 (40)	45 (41)	0.906	25 (53)	22 (61)	0.471
No (%)	76 (60)	65 (59)		22 (47)	14 (39)	
Private Professional						
Yes (%)	65 (50)	66 (59)	0.159	35 (60)	39 (74)	0.139
No (%)	64 (50)	45 (41)		23 (40)	14 (26)	
In Home Provider						
Yes (%)	30 (24)	29 (29)	0.423	17 (65)	15 (63)	0.832
No (%)	95 (76)	72 (71)		9 (35)	9 (38)	
Pediatrician						
Yes (%)	44 (35)	46 (42)	0.298	21 (51)	26 (63)	0.039
No (%)	81 (65)	64 (58)		20 (49)	9 (22)	
Nurse Practitioner						
Yes (%)	7 (6)	5 (5)	0.793	6 (86)	4 (80)	1.000
No (%)	113 (94)	89 (95)		1 (14)	1 (20)	
Overnight Stay in a Psychiatric or Medical Unit						
Yes (%)	4 (3)	2 (2)	0.699	1 (25)	1 (50)	1.000
No (%)	120 (97)	94 (98)		3 (75)	1 (50)	
Residential Treatment Center						
Yes (%)	3 (2)	0 (0)	0.259	N/A	N/A	N/A
No (%)	120 (98)	95 (100)		N/A	N/A	
Foster Home						
Yes (%)	1 (1)	3 (3)	0.321	1 (100)	0 (0)	0.333
No (%)	122 (99)	96 (97)		0 (0)	2 (100)	

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices.

^b Values and percentages for services do not add up to the over n listed for the column due to missing data and logic structure of the Service Assessment for Children and Adolescents (SACA).

Appendix Table 14. Adjusted Vanderbilt Parent Rating Scale Scores, Time by Intervention by Race/Ethnicity Interaction ^{a,b,c,d,e,f}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-0.301	-1.921, 1.320	0.716
Time (days)	-0.016	-0.023, -0.010	< 0.001
Intervention X Time	0.001	-0.013, 0.016	0.881
Race/Ethnicity			
Black	5.551	2.007, 9.096	0.002
Hispanic	7.043	0.468, 13.617	0.036
Other	1.816	-4.149, 7.780	0.551
Intervention X Race/Ethnicity			
Intervention X Black	-8.685	-20.156, 2.786	0.138
Intervention X Hispanic	-8.685	-20.156, 2.786	0.138
Intervention X Other	-1.376	-11.541, 8.790	0.791
Time X Race/Ethnicity			
Time X Black	-0.001	-0.017, 0.015	0.900
Time X Hispanic	-0.015	-0.052, 0.022	0.439
Time X Other	0.004	-0.023, 0.030	0.782
Intervention X Time X Race/Ethnicity			
Intervention X Time X Black	0.000	-0.023, 0.022	0.968
Intervention X Time X Hispanic	0.007	-0.027, 0.041	0.683
Intervention X Time X Other	-0.004	-0.026, 0.017	0.686
Season			
Winter	-0.235	-0.677, 0.206	0.297
Spring	0.971	-0.154, 2.095	0.091
Summer	0.997	0.055	1.938

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. After imputation, there were 1,051 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status, time (days), race/ethnicity, intervention by time, intervention by race/ethnicity, time by race/ethnicity, intervention by time by race/ethnicity, and season and clustered by doctor's office

^d The reference group for Season was Fall

^e Race/ethnicity self-reported by participant's parent

^f The reference group for Race/Ethnicity was White

Appendix Table 15. Adjusted Vanderbilt Parent Rating Scale Scores, Time by Intervention by Urbanicity Interaction
a,b,c,d,e

Covariate	B-Coefficient	95% CI	P-Value
Intervention	1.300	-0.464, 3.065	0.149
Time (days)	-0.015	-0.023, -0.006	0.001
Intervention X Time	-0.005	-0.018, 0.009	0.507
Urban	7.275	4.546, 10.005	< 0.001
Intervention X Urban	-4.300	-7.380, -1.220	0.006
Time X Urban	-0.004	-0.017, 0.008	0.506
Intervention X Time X Urban	0.011	-0.008, 0.029	0.249
Season			
Winter	-0.250	-0.712, 0.211	0.287
Spring	0.962	-0.136, 2.061	0.086
Summer	1.006	0.122, 1.890	0.026

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. After imputation, there were 1,051 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status, time (days), urbanicity, intervention by time, intervention by urbanicity, time by urbanicity, intervention by time by urbanicity, and season and clustered by doctor's office

^c Participants with home address within the city of Philadelphia were labeled urban. Participants outside the city of Philadelphia were labeled suburban.

^d The reference group for Season was Fall

^e The reference group for Urbanicity was Suburban

Appendix Table 16. Adjusted Vanderbilt Parent Rating Scale Scores, Time by Intervention by Education Interaction
a,b,c,d,e,f

Appendix Table 16. Adjusted Vanderbilt Parent Rating Scale Scores, Time by Intervention by Education Interaction
a,b,c,d,e,f

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-3.921	-8.194, 0.353	0.072
Time (days)	-0.018	-0.037, 0.000	0.052
Intervention X Time	-0.002	-0.023, 0.019	0.846
> High school education	-6.548	-10.602, -2.495	0.002
Intervention X > High school education	3.283	-1.902, 8.467	0.215
Time X > High school education	0.002	-0.016, 0.019	0.853
Intervention X Time X > High school education	0.004	-0.018, 0.027	0.695
Season			
Winter	-0.255	-0.724, 0.215	0.288
Spring	0.941	-0.182, 2.064	0.100
Summer	1.032	0.090, 1.974	0.026

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. After imputation, there were 1,051 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status, time (days), education, intervention by time, intervention by education, time by education, intervention by time by education, and season and clustered by doctor's office

^d Education self-reported by participant-parent

^e The reference group for Season was Fall

^f The reference group for Education was \leq High School education

Appendix Table 17. Adjusted Vanderbilt Parent Rating Scale Scores, Time by Intervention by Medication Status Interaction ^{a,b,c,d,e,f}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-1.267	-4.891, 2.357	0.493
Time (days)	-0.022	-0.033, -0.011	< 0.001
Intervention X Time	0.000	-0.013, 0.013	0.994
On Medication	-7.295	-11.235, -3.356	< 0.001
Intervention X On Medication	-0.145	-4.822, 4.533	0.952
Time X On Medication	0.011	-0.005, 0.028	0.179
Intervention X Time X On Medication	-0.001	-0.021, 0.020	0.962
Season			
Winter	-0.452	-0.910, 0.005	0.053
Spring	0.798	-0.287, 1.883	0.150
Summer	0.512	-0.427, 1.451	0.285

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. After imputation, there were 1,050 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status, time (days), medication status, intervention by time, intervention by medication status, time by medication status, intervention by time by medication status, and season and clustered by doctor's office

^d Medication status reported by parent at time of survey; if medication status was missing on the self-reported survey, status was included from the EHR at a clinic visit within 1 month of the corresponding survey date

^e The reference group for Season was Fall

^f The reference group for Medication Status was not being on medication

Appendix Table 18. Adjusted Vanderbilt Parent Rating Scale Scores, Time by Intervention by Median Household Income Interaction ^{a,b,c,d,e,f}

Covariate	B-Coefficient	95% CI	P-Value
Intervention	-2.725	-7.093, 1.644	0.222
Time (days)	-0.017	-0.032, -0.001	0.039
Intervention X Median Household Income	-0.002	-0.022, 0.017	0.810
Median Household Income	-0.078	-0.122, -0.035	< 0.001
Intervention X Median Household Income	0.025	-0.030, 0.080	0.378
Time X Median Household Income	0.000	0.000, 0.000	0.884
Intervention X Time X Median Household Income	0.000	0.000, 0.000	0.587
Season			
Winter	-0.163	-0.742, 0.417	0.582
Spring	1.067	-0.080, 2.214	0.068
Summer	1.065	0.077, 2.053	0.035

^a Participants were children aged 5-12 years old with ADHD who were recruited from 11 primary care pediatric practices. After imputation, there were 1,035 individual person-timepoints

^b VPRS refers to Vanderbilt Parent Rating Scale

^c Random effects models regressed VPRS scores on intervention status, time (days), median household income, intervention by time, intervention by median household income, time by median household income, intervention by time by median household income, and season and clustered by doctor's office

^d Median household income at the Census tract level, ACS 2016

^e Median household income measured by \$10,000

^f The reference group for Season was Fall