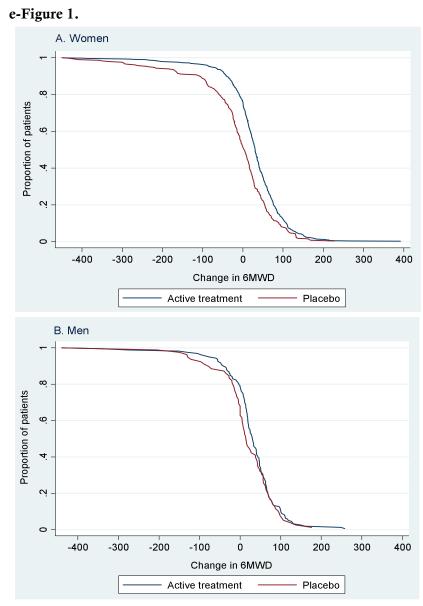


CHEST

# Race and Sex Differences in Response to Endothelin Receptor Antagonists for Pulmonary Arterial Hypertension

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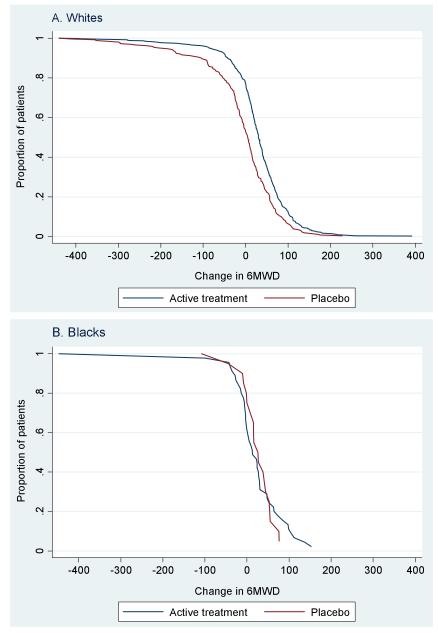


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## e-Figure 2.



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### CHEST

	Wo	omen	M	Men		
	(n=	894)	(n=236)			
	Treatment Placebo		Treatment	Placebo		
	(n=615)	(n=279)	(n=158)	(n=78)		
Age, years	50 (38-61)	49 (35-60)	51 (38-62)	50 (40-65)		
Race, n (%)						
Black	39 (6)	16 (6)	6 (4)	4 (5)		
White	449 (73)	195 (70)	128 (81)	64 (82)		
Other	127 (21)	68 (24)	24 (15)	10 (13)		
Height, cm	160 (155-165)	160 (155-165)	173 (168-178)	175 (170-180)		
Weight, kg	66 (58-77)	67 (58-81)	79 (68-90)	80 (70-93)		
BMI, kg/m <sup>2</sup>	26 (23-30)	26 (23-31)	26 (23-30)	27 (24-30)		
PAH Diagnosis, n (%)						
Idiopathic	362 (59)	177 (64)	116 (73)	52 (67)		
Connective tissue disease	194 (32)	73 (26)	22 (14)	13 (17)		
HIV infection/Anorexigen Use	13 (2)	6 (2)	10 (6)	5 (6)		
Congenital heart disease	44 (7)	22 (8)	10 (6)	8 (10)		
NYHA functional class, n (%)						
I-II	205 (33)	90 (32)	51 (32)	24 (31)		
III-IV	409 (67)	189 (68)	107 (68)	54 (69)		
Baseline Hemodynamics						
Mean RAP, mmHg	7.0 (5.0-10.0)	7.0 (4.0-12.0)	9.0 (5.0-14.0)	8.0 (5.0-12.0)		
Mean PAP, mmHg	50 (40-60)	53 (42-63)	51 (42-62)	49 (41-55)		
Cardiac output, L/min	4.1 (3.3-5.1)	4.0 (3.3-5.2)	4.4 (3.6-5.6)	4.5 (3.8-5.4)		

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Cardiac index, L/min/m <sup>2</sup>	2.4 (1.9-2.9)	2.3 (1.9-2.9)	2.2 (1.9-2.8)	2.2 (1.8-2.7)
PCWP, mmHg	9.0 (7.0-12.0)	10.0 (7.0-12.0)	9.0 (7.0-12.0)	10.0 (6.0-12.0)
PVR, Wood Units	10.0 (6.9-14.9)	10.8 (7.0-15.7)	10.2 (6.2-13.9)	8.5 (6.5-12.1)
Baseline laboratory values				
Albumin, g/dL	4.2 (3.9-4.4)	4.2 (3.9-4.5)	4.3 (4.0-4.6)	4.2 (4.0-4.5)
Creatinine, mg/dL	0.80 (0.71-0.88)	0.80 (0.62-0.88)	0.97 (0.84-1.06)	0.99 (0.81-1.15)
Hemoglobin, g/dL	14.4 (13.2-15.5)	14.1 (12.9-15.5)	16.2 (14.9-17.0)	15.7 (13.9-17.2)
Sodium, mEq/L	140 (138-142)	140 (138-142)	140 (139-142)	141 (139-143)
Warfarin use, n (%)	364 (59)	182 (65)	102 (65)	48 (62)
Baseline 6MWD, m	355 (285-410)	358 (284-414)	378 (314-427)	393 (315-429)
Study, n (%)				
ARIES-1	109 (18)	59 (21)	25 (16)	8 (10)
ARIES-2	99 (16)	44 (16)	28 (18)	21 (27)
BREATHE-1	114 (19)	54 (19)	31 (20)	15 (19)
STRIDE-1	94 (15)	47 (17)	24 (15)	13 (17)
STRIDE-2	145 (24)	47 (17)	40 (25)	15 (19)
STRIDE-4	54 (19)	28 (10)	10 (6)	6 (8)

HIV indicates human immunodeficiency virus; BMI, body mass index; ARIES, Ambrisentan in Pulmonary

Arterial Hypertension, Randomized, Double-Blind, Placebo-Controlled, Multicenter, Efficacy Studies;

BREATHE, Bosentan: Randomized Trial of Endothelin receptor Antagonist Therapy; STRIDE, Sitaxsentan To

Relieve Impaired Exercise.

Data shown as median (IQR) unless otherwise indicated.

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## e-Table 2. Characteristics of study participants by race

	W	hite	Bl	ack
	(n=	836)	(n=	=65)
	Treatment	Placebo	Treatment	Placebo
	(n=577)	(n=259)	(n=45)	(n=20)
Age, years	54 (42-64)	52 (41-64)	45 (35-52)	43 (36-57)
Sex (male), n (%)	128 (22)	64 (25)	6 (13)	4 (20)
Height, cm	163 (158-170)	164 (158-170)	165 (160-170)	168 (160-173)
Weight, kg	70 (60-83)	72 (61-87)	77 (65-97)	83 (73-94)
BMI, kg/m <sup>2</sup>	26 (23-31)	26 (23-31)	28 (24-35)	30 (26-33)
PAH Diagnosis, n (%)				
Idiopathic	351 (61)	167 (64)	22 (49)	12 (60)
Connective tissue disease	171 (30)	64 (25)	17 (38)	5 (25)
HIV infection/Anorexigen Use	16 (3)	8 (3)	5 (11)	2 (10)
Congenital heart disease	37 (6)	20 (8)	1 (2)	1 (5)
NYHA functional class, n (%)				
I-II	185 (32)	74 (29)	9 (20)	9 (45)
III-IV	391 (68)	185 (71)	36 (80)	11 (55)
Baseline Hemodynamics				
Mean RAP, mmHg	7.5 (5.0-11.0)	7.0 (4.0-12.0)	7.3 (5.0-13.5)	8.0 (6.0-11.0)
Mean PAP, mmHg	50 (39-60)	51 (40-60)	46 (37-53)	47 (35-55)
Cardiac output, L/min	4.2 (3.4-5.2)	4.2 (3.4-5.2)	4.3 (3.4-5.5)	4.6 (4.3-5.6)
Cardiac index, L/min/m <sup>2</sup>	2.3 (1.9-2.8)	2.3 (1.9-2.8)	2.3 (1.8-2.8)	2.4 (2.2-2.9)
PCWP, mmHg	9.0 (6.0-12.0)	9.0 (7.0-12.0)	9.0 (7.0-12.0)	10.5 (7.5-13.0)
PVR, Wood Units	10.0 (6.6-14.0)	10.0 (6.6-14.0)	8.7 (5.2-12.3)	8.2 (4.8-11.0)
Baseline laboratory values				

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Albumin, g/dL	4.2 (3.9-4.5)	4.2 (4.0-4.5)	4.1 (3.8-4.3)	3.9 (3.9-4.1)
Creatinine, mg/dL	0.86 (0.71-0.97)	0.86 (0.71-0.97)	0.80 (0.71-0.97)	0.76 (0.65-0.97)
Hemoglobin, g/dL	14.7 (13.5-15.9)	14.5 (13.2-15.7)	13.5 (12.8-15.1)	12.7 (11.7-14.9)
Sodium, mEq/L	140 (138-142)	141 (139-142)	140 (138-141)	140 (138-141)
Warfarin use, n (%)	356 (62)	169 (65)	32 (71)	14 (70)
Baseline 6MWD, m	363 (287-415)	367 (285-417)	355 (292-420)	351 (281-406)
Study, n (%)				
ARIES-1	90 (16)	49 (19)	7 (16)	4 (20)
ARIES-2	112 (19)	51 (20)	0 (0)	0 (0)
BREATHE-1	112 (19)	59 (23)	12 (27)	1 (5)
STRIDE-1	83 (14)	42 (16)	8 (18)	3 (15)
STRIDE-2	150 (26)	46 (18)	18 (40)	9 (45)
STRIDE-4	30 (5)	12 (5)	0 (0)	3 (15)
			1	

HIV indicates human immunodeficiency virus; BMI, body mass index; ARIES, Ambrisentan in Pulmonary Arterial Hypertension, Randomized, Double-Blind, Placebo-Controlled, Multicenter, Efficacy Studies; BREATHE, Bosentan: Randomized Trial of Endothelin receptor Antagonist Therapy; STRIDE, Sitaxsentan To Relieve Impaired Exercise.

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	Women	Men	Difference-in-difference	p-value for
	(n=894)	(n=236)	(95% CI)	interaction
Walk distance subsequen	t to clinical ev	vent coded a	s 50 m	
Base model*:				
Treatment	34.3	20.7		
Placebo	-6.7	3.9		
$\Delta$ (treatment-placebo)	41.0	16.8	24.2 (0, 48.4)	0.05
Partially adjusted mode	ł†:			
Treatment	35.3	21.2		
Placebo	-6.9	5.6		
$\Delta$ (treatment-placebo)	42.2	15.6	26.6 (2.5, 50.7)	0.03
Walk distance subsequen	t to clinical ev	ent coded a	s 100 m	
Base model*:				
Treatment	35.2	22.7		
Placebo	-2.8	5.8		
$\Delta$ (treatment-placebo)	38.0	16.9	21.1 (-1.4, 43.6)	0.07
Partially adjusted mode	ł <sup>†</sup> :			
Treatment	35.0	22.1		
Placebo	-4.2	6.5		
$\Delta$ (treatment-placebo)	39.2	15.6	23.6 (1.2, 46.0)	0.04

e-Table 3. Sensitivity analysis results for change in 6MWD from baseline to 12-week follow-up by sex.

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Walk distance subsequent to clinical event coded as 150 m					
Base model*:					
Treatment	36.1	24.6			
Placebo	1.1	7.6			
$\Delta$ (treatment-placebo)	35.0	17.0	18.0 (-3.1, 39.1)	0.10	
Partially adjusted model <sup><math>\dagger</math></sup> :					
Treatment	34.8	23.0			
Placebo	-1.5	7.5			
$\Delta$ (treatment-placebo)	36.3	15.5	20.8 (-0.1, 41.7)	0.053	
Walk distance subsequent to	clinical even	t coded as 27.	5 m		
Base model*:					
Treatment	38.3	29.5			
Placebo	11.0	12.2			
$\Delta$ (treatment-placebo)	27.3	17.3	10.0 (-9.1, 29.1)	0.31	
Partially adjusted model <sup>†</sup> :					
Treatment	34.1	25.3			
Placebo	5.4	9.7			
$\Delta$ (treatment-placebo)	28.7	15.6	13.1 (-5.6, 31.8)	0.17	

\* Adjusted for study, height, and baseline walk distance

† Adjusted for study, height, baseline walk distance, age, race, and diagnosis category

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	Women	Men	Difference-in-	p-value for
	(n=894)	(n=236)	difference (95% CI)	interaction
Walk distance subsequen	t to clinical ev	vent coded as	50 m	
Base model*:				
Treatment	382.5	379.8		
Placebo	341.5	363.2		
$\Delta$ (treatment-placebo)	41.0	16.6	24.4 (-9.7, 58.5)	0.16
Partially adjusted mode	el <sup>†</sup> :			
Treatment	373.1	371.5		
Placebo	329.1	358.4		
$\Delta$ (treatment-placebo)	44.0	13.1	30.9 (-2.0, 63.8)	0.07
Fully adjusted model <sup>‡</sup> :				
Treatment	369.6	363.7		
Placebo	322.9	358.6		
$\Delta$ (treatment-placebo)	46.7	5.1	41.6 (7.7, 75.5)	0.02

e-Table 4. Sensitivity analysis results for absolute distance walked at 12-week follow-up by sex.

383.4

345.5

37.9

381.5

364.8

16.7

21.2 (-11.5, 53.9)

0.20

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Treatment

 $\Delta$  (treatment-placebo)

Placebo

### Partially adjusted model<sup>†</sup>:

Treatment	373.1	372.4				
Placebo	332.1	359.2				
$\Delta$ (treatment-placebo)	41.0	13.2	27.8 (-3.6, 59.2)	0.08		
Fully adjusted model <sup>‡</sup> :						
Treatment	369.8	364.9				
Placebo	326.3	359.7				
$\Delta$ (treatment-placebo)	43.5	5.2	38.3 (6.1, 70.5)	0.02		
Walk distance subsequent to clinical event coded as 150 m						
Base model*:						
Treatment	384.3	383.3				
Placebo	349.4	366.4				
$\Delta$ (treatment-placebo)	34.9	16.9	18.0 (-13.4, 49.4)	0.26		
Partially adjusted model <sup><math>\dagger</math></sup> :						
Treatment	373.0	373.3				
Placebo	335.1	360				
$\Delta$ (treatment-placebo)	37.9	13.3	24.6 (-5.4, 54.6)	0.11		
Fully adjusted model <sup>‡</sup> :						
Treatment	370.1	366.2				
Placebo	329.7	360.9				
$\Delta$ (treatment-placebo)	40.4	5.3	35.1 (4.3, 65.9)	0.03		

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Walk distance subsequent to clinical event coded as 275 m

Base model*:				
Treatment	386.5	387.7		
Placebo	359.3	370.6		
$\Delta$ (treatment-placebo)	27.2	17.1	10.1 (-19.0, 39.2)	0.50
Partially adjusted model <sup>†</sup> :				
Treatment	373.0	375.5		
Placebo	342.7	362.1		
$\Delta$ (treatment-placebo)	30.3	13.4	16.9 (-10.7, 44.5)	0.23
Fully adjusted model <sup>‡</sup> :				
Treatment	370.7	369.3		
Placebo	338.3	363.7		
$\Delta$ (treatment-placebo)	32.4	5.6	26.8 (-1.5, 55.1)	0.06

\* Adjusted for study and height

† Adjusted for study, height, age, race, and diagnosis category

‡ Adjusted for study, height, age, race, diagnosis category, cardiac index, and pulmonary

capillary wedge pressure

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e-Table 5. Change in 6MWD from baseline to 12-week follow-up by sex for patients with idiopathic PAH

	Women	Men	Difference-in-difference	p-value for
	(n=539)	(n=168)	(95% CI)	interaction
Base model*:				
Treatment	40.3	20.5		
Placebo	-15.4	-13.4		
$\Delta$ (treatment-placebo)	55.7	33.9	21.8 (-11.4, 55.0)	0.20
Partially adjusted mod	el <sup>†</sup> :			
Treatment	35.0	18.8		
Placebo	-20.4	-13.8		
$\Delta$ (treatment-placebo)	55.4	32.6	22.8 (-10.4, 56.0)	0.18

\* Adjusted for study, height, and baseline walk distance

† Adjusted for study, height, baseline walk distance, age, and race

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	White	Black	Difference-in-difference	p-value for
	(n=894)	(n=65)	(95% CI)	interaction
Walk distance subsequent	to clinical ev	ent coded	as 50 m	
Base model*:				
Treatment	32.9	16.0		
Placebo	-6.1	18.0		
$\Delta$ (treatment-placebo)	39.0	-2.0	41.0 (-3.0, 85.0)	0.07
Partially adjusted model	† <b>.</b>			
Treatment	33.4	13.0		
Placebo	-6.3	12.8		
$\Delta$ (treatment-placebo)	39.7	0.02	39.5 (-4.2, 83.2)	0.08
Walk distance subsequent	to clinical ev	ent coded	as 100 m	
Base model*:				
Treatment	34.1	17.7		
Placebo	-2.5	18.1		
$\Delta$ (treatment-placebo)	36.6	-0.4	37.0 (-4.1, 78.1)	0.08
Partially adjusted model	† <b>.</b>			
Treatment	34.4	13.9		
Placebo	-2.9	12.2		
$\Delta$ (treatment-placebo)	37.3	1.7	35.6 (-5.0, 76.2)	0.09

e-Table 6. Sensitivity analysis results for change in 6MWD from baseline to 12-week follow-up by race.

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Walk distance subsequent to clinical event coded as 150 m					
Base model*:					
Treatment	35.3	19.3			
Placebo	1.2	18.3			
$\Delta$ (treatment-placebo)	34.1	1.0	33.1 (-5.5, 71.7)	0.09	
Partially adjusted model <sup><math>\dagger</math></sup> :					
Treatment	35.3	14.9			
Placebo	1.0	11.6			
$\Delta$ (treatment-placebo)	34.3	3.3	31.0 (-7.1, 69.1)	0.11	
Walk distance subsequent to	clinical ever	nt coded as 2	275 m		
Base model*:					
Treatment	38.2	23.4			
Placebo	10.3	18.6			
$\Delta$ (treatment-placebo)	27.9	4.8	23.1 (-12.2, 58.4)	0.20	
Partially adjusted model <sup><math>\dagger</math></sup> :					
Treatment	37.7	17.2			
Placebo	9.2	10.0			
$\Delta$ (treatment-placebo)	28.5	7.2	21.3 (-13.2, 55.8)	0.23	

\* Adjusted for study, height, and baseline walk distance

† Adjusted for study, height, baseline walk distance, age, sex, and diagnosis category

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	White	Black	Difference-in-difference	p-value for
	(n=836)	(n=65)	(95% CI)	interaction
Walk distance subsequen	t to clinical ev	vent coded	as 50 m	
Base model*:				
Treatment	385.2	369.5		
Placebo	346.1	357.3		
$\Delta$ (treatment-placebo)	39.1	12.2	26.9 (-36.3, 90.1)	0.41
Partially adjusted mode	el <sup>†</sup> :			
Treatment	387.8	361.0		
Placebo	347.5	344.7		
$\Delta$ (treatment-placebo)	40.3	16.3	24.0 (-36.4, 84.4)	0.44
Fully adjusted model <sup>‡</sup> :				
Treatment	399.0	379.7		
Placebo	359.9	351.5		
$\Delta$ (treatment-placebo)	39.1	28.2	10.9 (-47.7, 69.5)	0.72
Walk distance subsequen	t to clinical ev	vent coded	as 100 m	
Base model*:				
Treatment	386.3	371.1		

e-Table 7. Sensitivity analysis results for absolute distance walked at 12-week follow-up by race.

Treatment	386.3	371.1		
Placebo	349.7	357.6		
$\Delta$ (treatment-placebo)	36.6	13.5	23.1 (-37.4, 83.6)	0.45

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Partially	adjusted	model <sup>†</sup> :
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Treatment	388.6	362.0		
Placebo	350.8	344.5		
$\Delta$ (treatment-placebo)	37.8	17.5	20.3 (-37.2, 77.8)	0.49
Fully adjusted model <sup>‡</sup> :				
Treatment	399.4	379.9		
Placebo	362.8	351.0		
$\Delta$ (treatment-placebo)	36.6	28.9	7.7 (-48.0, 63.4)	0.79
Walk distance subsequent to	clinical eve	nt coded as 1	50 m	
Base model*:				
Treatment	387.4	372.6		
Placebo	353.3	357.9		
$\Delta$ (treatment-placebo)	34.1	14.7	19.4 (-38.7, 77.5)	0.51
Partially adjusted model <sup><math>\dagger</math></sup> :				
Treatment	389.4	363.0		
Placebo	354.1	344.3		
$\Delta$ (treatment-placebo)	35.3	18.7	16.6 (-38.4, 71.6)	0.55
Fully adjusted model <sup>‡</sup> :				
Treatment	399.8	380.2		
Placebo	365.6	350.5		
$\Delta$ (treatment-placebo)	34.2	29.7	4.5 (-48.8, 57.8)	0.87

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Walk distance subsequent t	o clinical e	vent coded a	s 275 m	
Base model*:				
Treatment	390.2	376.4		
Placebo	362.2	358.8		
$\Delta$ (treatment-placebo)	28.0	17.6	10.4 (-43.7, 64.5)	0.71
Partially adjusted model <sup>†</sup>	:			
Treatment	391.5	365.4		
Placebo	362.4	343.8		
$\Delta$ (treatment-placebo)	29.1	21.6	7.5 (-43.1, 58.1)	0.77
Fully adjusted model <sup>‡</sup> :				
Treatment	400.7	380.8		
Placebo	372.6	349.4		
$\Delta$ (treatment-placebo)	28.1	31.4	-3.3 (-52.4, 45.8)	0.90

\* Adjusted for study and height

† Adjusted for study, height, age, sex, and diagnosis category

‡ Adjusted for study, height, age, sex, diagnosis category, and New York Heart Association class

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Reproduction of this article is prohibited without written permission from the American College of Chest Physicians (http://www.clossipulag.org/cite/nisc/ceptints\_xhtml).dpQly Kimber@/ebeatcksl.cl/AQ4huary 4, 2012 © 2012 American College of Chest Physicians e-Table 8. Change in 6MWD from baseline to 12-week follow-up by race for patients with idiopathic PAH.

	White	Black	Difference-in-difference	p-value for
	(n=518)	(n=34)	(95% CI)	interaction
Base model*:				
Treatment	38.9	14.4		
Placebo	-16.6	20.6		
$\Delta$ (treatment-placebo)	55.5	-6.2	61.7 (-3.8, 127.2)	0.06
Partially adjusted mod	el <sup>†</sup> :			
Treatment	37.7	6.4		
Placebo	-17.3	16.7		
$\Delta$ (treatment-placebo)	55.0	-10.3	65.3 (0.5, 130.6)	0.05

\* Adjusted for study, height, and baseline walk distance

† Adjusted for study, height, baseline walk distance, age, and sex.

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	Estimate	Standard Error	t-value	p-value
Intercept	-78.73	61.11	-1.29	0.20
Treatment	45.25	6.22	7.28	< 0.001
Sex (male)	14.41	21.21	1.18	0.24
Study				0.009
ARIES-1	-16.01	11.05	-1.45	0.14
ARIES-2	-25.25	11.20	-2.25	0.02
BREATHE -1	-17.86	11.04	-1.62	0.11
STRIDE-1	-38.80	11.32	-3.43	0.001
STRIDE-2	-30.15	10.92	-2.76	0.006
Height	0.92	0.36	2.53	0.01
Baseline walk distance	-0.08	0.03	-2.46	0.01
Age	-0.55	0.20	-2.82	0.005
Race				0.50
White	-4.32	14.79	-0.29	0.77
Black	-11.91	18.04	-0.66	0.51
Hispanic	-14.86	15.81	-0.94	0.35
Diagnosis				0.09
Connective tissue disease	-11.81	6.10	-1.93	0.05
Congenital heart disease	10.96	10.58	1.04	0.30
HIV/Anorexigen Use	6.60	15.39	0.43	0.67

e-Table 9. Regression output for model examining change in 6MWD from baseline to 12-week follow-up by sex.

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Sex*Treatment	-29.66	13.27	-2.24	0.03

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	Estimate	Standard Error	t-value	p-value
Intercept	135.23	84.40	1.60	0.11
Treatment	49.92	8.49	5.88	< 0.001
Sex (male)	38.02	16.61	2.29	0.02
Study				0.03
ARIES-1	-4.78	15.26	-0.31	0.75
ARIES-2	-12.98	15.43	-0.84	0.40
BREATHE -1	-14.17	15.28	-0.92	0.35
STRIDE-1	18.15	15.30	1.19	0.24
STRIDE-2	-19.94	15.13	-1.32	0.19
Height	1.48	0.50	2.95	0.003
Age	-1.90	0.26	-7.28	< 0.001
Race				0.04
White	27.89	19.96	1.40	0.16
Black	11.69	24.38	0.48	0.63
Hispanic	-0.55	21.35	-0.03	0.98
Diagnosis				0.01
Connective tissue disease	-27.24	8.37	-3.25	0.001
Congenital heart disease	2.70	14.91	0.18	0.86
HIV/Anorexigen Use	-6.78	21.88	-0.31	0.76
Baseline cardiac index	16.89	4.04	4.18	< 0.001

e-Table 10. Regression output for model examining absolute distance walked at 12 week followup by sex.

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Baseline PCWP	-0.12	0.97	-0.12	0.91
Sex*Treatment	-44.93	18.22	-2.47	0.01

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	Estimate	Standard Error	t-value	p-value
Intercept	-94.22	67.50	-1.40	0.16
Treatment	42.20	6.29	6.71	< 0.001
Race (black)	23.17	20.49	1.13	0.26
Study				0.06
ARIES-1	-7.19	14.61	-0.49	0.62
ARIES-2	-20.57	14.44	-1.42	0.15
BREATHE -1	-5.55	14.35	-0.38	0.70
STRIDE-1	-29.74	14.83	-2.01	0.04
STRIDE-2	-22.63	14.02	-1.61	0.11
Height	0.92	0.40	2.31	0.02
Baseline walk distance	-0.06	0.03	-1.70	0.09
Age	-0.54	0.20	-2.56	0.01
Sex (male)	-6.59	8.60	-0.77	0.44
Diagnosis				0.16
Connective tissue disease	-13.27	6.61	-2.01	0.04
Congenital heart disease	9.65	12.24	0.79	0.43
HIV/Anorexigen Use	1.37	15.97	0.09	0.93
Race*Treatment	-43.62	24.04	-1.81	0.07

e-Table 11. Regression output for model examining change in 6MWD from baseline to 12-week follow-up by race.

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	Estimate	Standard Error	t-value	p-value
Intercept	295.55	88.23	3.35	0.001
Treatment	41.54	8.27	5.02	< 0.001
Race (black)	-5.21	26.77	-0.19	0.85
Study				0.002
ARIES-1	-6.90	19.23	-0.36	0.72
ARIES-2	-20.93	18.94	-1.10	0.27
BREATHE -1	10.73	19.31	0.56	0.58
STRIDE-1	20.46	19.33	1.06	0.29
STRIDE-2	-23.63	18.42	-1.28	0.20
Height	1.18	0.53	2.25	0.02
Age	-1.87	0.26	-7.00	< 0.001
Sex (male)	12.74	11.34	1.12	0.26
Diagnosis				0.01
Connective tissue disease	-27.82	8.67	-3.21	0.001
Congenital heart disease	7.90	16.06	0.49	0.62
HIV/Anorexigen Use	-4.75	21.12	-0.22	0.82
NYHA class (III/IV)	-65.81	8.55	-7.69	< 0.001
Race*Treatment	-13.99	31.53	-0.44	0.66

e-Table 12. Regression output for model examining absolute distance walked at 12-week followup by race.

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