

SUPPLEMENTAL MATERIAL

Table 1a. Baseline characteristics of ORBIT-II AF patients with and without Satellite baseline survey data

	Overall N=13404	Satellite Data N=1004	Non-Satellite Data N=12400	P-Value
Demographics				
Age, Median (IQR)	71.0 (63.0, 78.0)	69.0 (61.0, 76.0)	71.0 (63.0, 78.0)	<.0001
Male, N (%)	7,849 (58.6%)	582 (58.0%)	7,267 (58.6%)	0.6937
White	11,478 (85.6%)	912 (90.8%)	10,566 (85.2%)	<.0001
College Graduate	3,817 (28.5%)	344 (34.3%)	3,473 (28.0%)	<.0001
Risk Factors				
Congestive Heart Failure	2,886 (21.5%)	212 (21.1%)	2,674 (21.6%)	0.7392
Stroke	835 (6.2%)	44 (4.4%)	791 (6.4%)	0.0118
Prior MI	1,358 (10.1%)	98 (9.8%)	1,260 (10.2%)	0.6848
Hypertension	10,641 (79.4%)	750 (74.7%)	9,891 (79.8%)	0.0001
Diabetes	3,504 (26.1%)	261 (26.0%)	3,243 (26.2%)	0.9132
COPD	1,515 (11.3%)	119 (11.9%)	1,396 (11.3%)	0.5672
Smoker	6,345 (47.3%)	502 (50.0%)	5,843 (47.1%)	0.0789
Obstructive Sleep Apnea	2,314 (17.3%)	185 (18.4%)	2,129 (17.2%)	0.3108
CHADS2 Vascular Score				
Low: 0	558 (4.2%)	53 (5.3%)	505 (4.1%)	<.0001
Medium: 1	1,474 (11.0%)	146 (14.5%)	1,328 (10.7%)	.
High: 2+	11,372 (84.8%)	805 (80.2%)	10,567 (85.2%)	.
HAS-BLED				
Low: 0	1,973 (14.7%)	191 (19.0%)	1,782 (14.4%)	0.0006
Moderate: 1-3	11,025 (82.3%)	780 (77.7%)	10,245 (82.6%)	.
High: >3	377 (2.8%)	31 (3.1%)	346 (2.8%)	.
Missing	29 (0.2%)	2 (0.2%)	27 (0.2%)	.
ATRIA Score				
0	1,677 (12.5%)	159 (15.8%)	1,518 (12.2%)	<.0001
1	4,657 (34.7%)	386 (38.4%)	4,271 (34.4%)	.
2	667 (5.0%)	53 (5.3%)	614 (5.0%)	.
3 and >3	6,403 (47.8%)	406 (40.4%)	5,997 (48.4%)	.
West	2,746 (20.5%)	150 (14.9%)	2,596 (20.9%)	<.0001
Northeast	2,529 (18.9%)	240 (23.9%)	2,289 (18.5%)	.
Midwest	2,737 (20.4%)	253 (25.2%)	2,484 (20.0%)	.
South	5,392 (40.2%)	361 (36.0%)	5,031 (40.6%)	.

Table 1b. Baseline characteristics of SATELLITE AF patients with and without six months survey data

	Overall	With 6 month Satellite Data	Without 6 month Satellite Data	P-Value
	N=1004	N=786	N=218	
Demographics				
Age, Median (IQR)	69.0 (61.0, 76.0)	69.0 (62.0, 76.0)	67.0 (56.0, 76.0)	0.0052
Male, N (%)	582 (58.0%)	457 (58.1%)	125 (57.3%)	0.8318
White	912 (90.8%)	724 (92.1%)	188 (86.2%)	0.0569
College Graduate	344 (34.3%)	265 (33.7%)	79 (36.2%)	0.2829
Risk Factors				
Congestive Heart Failure	212 (21.1%)	176 (22.4%)	36 (16.5%)	0.06
Stroke	44 (4.4%)	35 (4.5%)	9 (4.1%)	0.836
Prior MI	98 (9.8%)	84 (10.7%)	14 (6.4%)	0.0606
Hypertension	750 (74.7%)	601 (76.5%)	149 (68.3%)	0.0148
Diabetes	261 (26.0%)	214 (27.2%)	47 (21.6%)	0.0916
COPD	119 (11.9%)	94 (12.0%)	25 (11.5%)	0.8426
Smoker	502 (50.0%)	406 (51.7%)	96 (44.0%)	0.0467
Obstructive Sleep Apnea	185 (18.4%)	148 (18.8%)	37 (17.0%)	0.5317
CHADS2 Vascular Score				
Low: 0	53 (5.3%)	38 (4.8%)	15 (6.9%)	0.0015
Medium: 1	146 (14.5%)	101 (12.8%)	45 (20.6%)	.
High: 2+	805 (80.2%)	647 (82.3%)	158 (72.5%)	.
HAS-BLED				
Low: 0	191 (19.0%)	142 (18.1%)	49 (22.5%)	0.2551
Moderate: 1-3	780 (77.7%)	619 (78.8%)	161 (73.9%)	.
High: >3	31 (3.1%)	23 (2.9%)	8 (3.7%)	.
ATRIA Score				
0	159 (15.8%)	115 (14.6%)	44 (20.2%)	0.0542
1	386 (38.4%)	303 (38.5%)	83 (38.1%)	.
2	53 (5.3%)	40 (5.1%)	13 (6.0%)	.
3 and >3	406 (40.4%)	328 (41.7%)	78 (35.8%)	.
West	150 (14.9%)	117 (14.9%)	33 (15.1%)	<.0001
Northeast	240 (23.9%)	164 (20.9%)	76 (34.9%)	.
Midwest	253 (25.2%)	235 (29.9%)	18 (8.3%)	.
South	361 (36.0%)	270 (34.4%)	91 (41.7%)	.

Table 2a. Summary of results to the SATELLITE survey at baseline and at the six months follow up visit

Question	Strongly Disagree		Somewhat Disagree		Neutral		Somewhat Agree		Strongly Agree		Overall
	N	%	N	%	N	%	N	%	N	%	
<i>Baseline Only:</i>											
"I feel I understand what atrial fibrillation is"	39	3.9	60	6.1	81	8.2	448	45.3	362	36.6	990
"The major risk of atrial fibrillation is Stroke"	37	3.7	22	2.2	67	6.8	234	23.7	628	63.6	988
"I understand the role of blood thinners in the treatment of AF"	33	3.3	16	1.6	48	4.8	293	29.5	603	60.7	993
"I understand the various options for blood thinners in the treatment of AF"	65	6.6	79	8.0	199	20.2	340	34.5	304	30.8	987
<i>Questions asked at baseline and at follow up</i>											
"I understand the role of rhythm control in the treatment of AF"											
<i>All Baseline</i>	103	11.5	35	3.9	146	16.2	278	30.9	337	37.5	899
<i>Subset*</i>	85	12.1	25	3.6	109	15.6	216	30.8	266	38.0	701
<i>6-month</i>	53	8.6	23	3.8	100	16.3	204	33.2	234	38.1	614
"I understand the various options for rhythm control in the treatment of AF"											
<i>All Baseline</i>	166	18.6	97	10.8	234	26.2	238	26.6	160	17.9	895
<i>Subset*</i>	144	20.6	63	9.0	183	26.1	182	26.0	128	18.3	700
<i>6-month</i>	101	16.6	69	11.4	144	23.7	174	28.7	119	19.6	607
"I understand the role of ablation in AF treatment"											
<i>All Baseline</i>	218	24.6	84	9.5	204	23.0	209	23.5	173	19.5	888
<i>Subset*</i>	186	26.9	61	8.8	144	20.8	161	23.3	140	20.2	692
<i>6-month</i>	131	22.9	63	11.0	106	18.5	147	25.7	126	22.0	573
"I understand the various options for ablation in AF treatment"											
<i>All Baseline</i>	251	28.3	103	11.6	228	25.7	190	21.4	116	13.1	888
<i>Subset*</i>	213	30.8	71	10.3	169	24.5	143	20.7	95	13.8	691
<i>6-month</i>	158	25.9	82	13.5	146	24.0	133	21.8	90	14.8	609

*Baseline responses for the subset who completed a 6-month follow up questionnaire.

Table 2b. Summary of results to the SATELLITE survey at baseline and at the six months follow up visit

Question	Completely Under-stand		Mostly Under-stand		Somewhat Under-stand		Understand Very Little		Never Heard of the Therapy		Overall N	
	N	%	N	%	N	%	N	%	N	%		
Warfarin												
<i>All Baseline</i>	222	22.4	249	25.2	226	22.8	169	17.1	124	12.5	990	
<i>Subset*</i>	178	22.9	197	25.3	172	22.1	133	17.1	98	12.6	778	
<i>6-month</i>	208	28.2	227	30.8	118	16.0	130	17.6	54	7.3	737	
Novel blood thinners												
<i>All Baseline</i>	207	20.9	319	32.1	207	20.9	155	15.6	105	10.6	993	
<i>Subset*</i>	171	22.0	255	32.8	159	20.4	115	14.8	78	10.0	778	
<i>6-month</i>	233	31.4	290	39.0	117	15.8	69	9.3	34	4.6	743	
Left atrial appendage closure												
<i>All Baseline</i>	43	4.4	55	5.6	101	10.2	177	17.9	613	62.0	989	
<i>Subset*</i>	33	4.3	43	5.5	83	10.7	125	16.1	492	63.4	776	
<i>6-month</i>	33	4.5	48	6.5	77	10.5	121	16.4	458	62.1	737	
Cardioversion												
<i>All Baseline</i>	224	22.6	226	22.8	185	18.6	190	19.1	168	16.9	993	
<i>Subset*</i>	180	23.1	185	23.8	146	18.7	138	17.7	130	16.7	779	
<i>6-month</i>	221	29.8	186	25.1	132	17.8	108	14.6	95	12.8	742	

*Baseline responses for the subset who completed a 6-month follow up questionnaire.