

# **Alpha-Stim Patient Survey: 2006-2011**

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Self-report data on the perceived effectiveness of Alpha-Stim was acquired from 4,590 respondents through mail survey. Data collection occurred between July 2006 and July 2011. Sixty-two percent of the respondents exhibited nonresponse on at least 4 out of 11 questions and were not included in the analyses. The final sample size used in the descriptive analyses after screening the data for overt errors in coding, aberrant or out of range values and item nonresponse was N=1,745, providing a useable response rate of 38%. The mean age for the analytic sample was 50 years (standard deviation of 14.18 years). The sample consisted of 71% females and 28% males with 1% not reporting their gender. The average number of months respondents reported using Alpha-Stim on a continuous basis according to the prescribed protocol was 3.1 months or slightly over 90 days. However, the median (*i.e.*, exact center of the distribution) of the numbers of days of use was one month or 30 days. The mean days of use were higher than the median due to extremely long continued use by a small number of apparently well-satisfied consumers (*e.g.*, 23 respondents reported using Alpha-Stim 3 years or longer and 83 reporting 1 year or longer).

Ninety-nine percent of respondents reported that they considered Alpha-Stim to be effective (*i.e.*, either yes or no) for their identified indication for use. Respondents were also asked to respond regarding their perceived improvement since beginning treatment in the form of a rating scale. Improvement was measured according to a low of no improvement = 1% to a high of complete recovery 100%. One percent of respondents reported complete recovery. Fifty-nine percent of respondents reported having either moderate (50–74%) or marked improvement (75–99%) from baseline or starting treatment. Twenty-three percent of respondents reported only fair improvement while 16% of respondents reported slight improvement. One percent reported no change in improvement. The final question asked was whether Alpha-Stim was more effective than anything else they had used for their reported indication. Thirty-six percent of respondents reported that Alpha-Stim was more effective than anything else they had used for anxiety, 17% for depression, 11% for insomnia and 35% for pain.

## Alpha-Stim Survey Descriptive Analysis Summary

Conducted August 15, 2011

1. The original data file consisted of N=4,590. However, to have a clean and complete data set for analyses to be consistent across respondents, the effective sample size after data cleaning resulted in a useable complete data set of N=1,745 respondents. Therefore, the “complete” response rate was 38% (a good response rate for mail surveys). All information hereafter reported in the results are based on N=1,745.
2. The mean number of uninterrupted months reported for respondents using Alpha-Stim was 3.1 months (median number of months used = 1 month).
3. Mean age was 50 years (SD = 14.18). Sample consisted of 71% female and 28% male with 1% not reporting gender.
4. Question on perceived effectiveness of Alpha-Stim.

### Would you consider it effective?

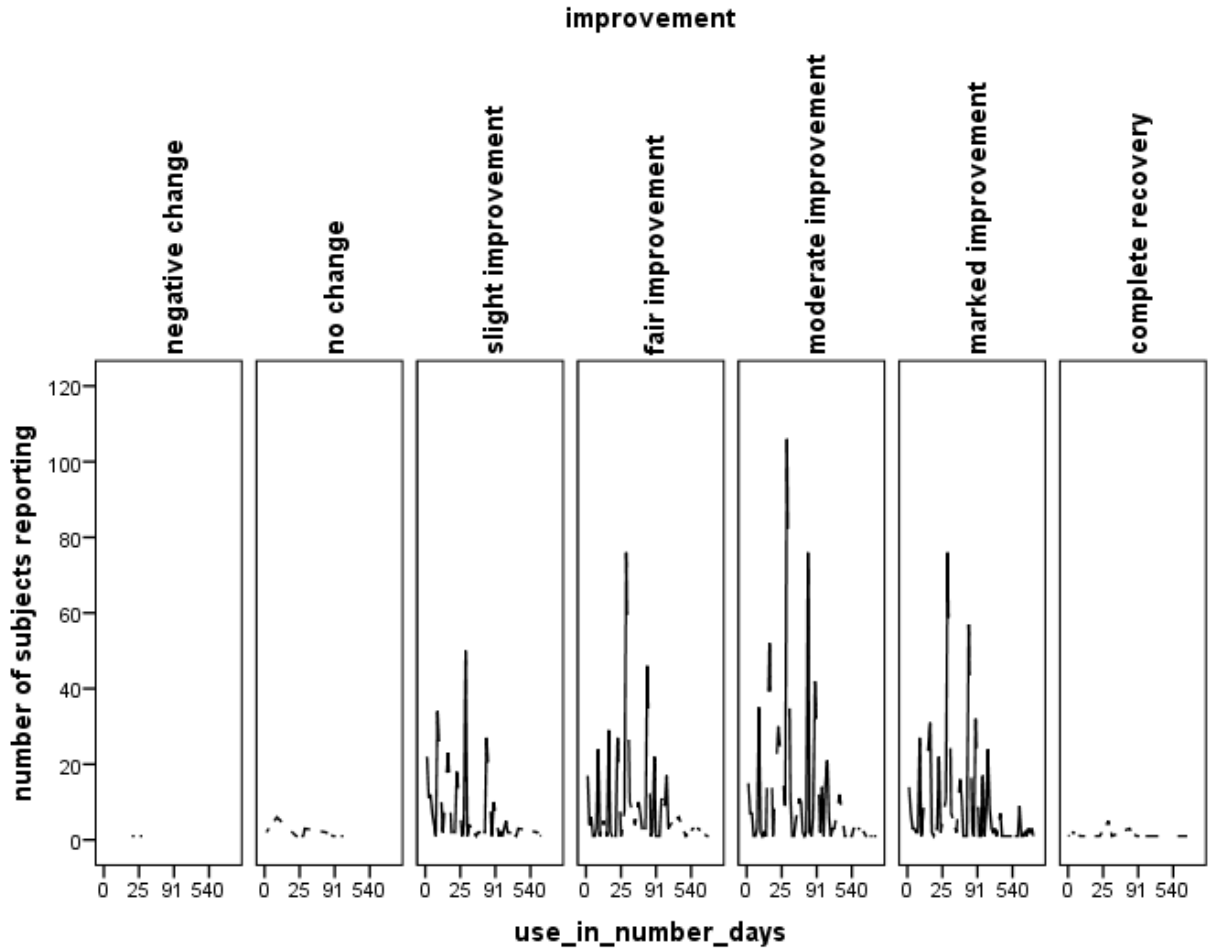
	N	Percent	Valid Percent	Cumulative Percent
no	1	.1	.1	.1
yes	1744	99.9	99.9	100.0
Total	1745	100.0	100.0	

5. Rating of perceived results of Alpha-Stim at the time of response.

### How would you rate the results so far?

	N	Percent	Cumulative Percent
Worse (Negative Change)	2	.1	.1
No Change (0%)	17	1.0	1.1
Slight improvement (1 to 24%)	277	15.9	17
Fair Improvement (25 to 49%)	395	22.6	39.6
Moderate Improvement (50 to 74%)	570	32.6	72.2
Marked Improvement (75 to 99%)	467	26.8	99
Complete Recovery (100%)	17	1.0	100
Total	1745	100.0	

## Graph of improvement over time by days of use



6. Would you consider Alpha-Stim safe to use?

### Would you consider it safe?

	N	Percent	Valid Percent	Cumulative Percent
no report	244	14.0	14.0	14.0
No	3	.2	.2	14.2
Yes	1498	85.8	85.8	100.0
Total	1745	100.0	100.0	

7. Alpha-Stim is more effective than anything else I have used for my:

**More effective than anything else used for (indication)**

	N	Percent	Valid Percent	Cumulative Percent
Valid no response	7	.4	.4	.4
anxiety	625	35.8	35.8	36.2
depression	297	17.0	17.0	53.2
insomnia	194	11.1	11.1	64.4
pain	614	35.2	35.2	100.0
Total	1737	100.0	100.0	