Table 2: Location of regions more active during Full than Empty in group analysis of 21 OAB patients prior to receiving any treatment (p = 0.001, k = 10).

Region	**Hemi-sphere**	**Center of cluster (3mm range)**			**Z-Score**
		X	**y**	**Z**	
Frontal Lobe, Middle Frontal Gyrus (BA 11)	R	-32	34	-17	4.00
Frontal Lobe, Inferior Frontal Gyrus (BA 47)	R	-44	28	-13	3.35
Sub-Lobar, Lentiform Nucleus, Putamen	R	28	4	-4	3.82
Frontal Lobe, Middle Frontal Gyrus (BA 9)	R	-40	33	37	3.79
Frontal Lobe, Middle Frontal Gyrus (BA 8)	R	-40	33	37	3.79
Frontal Lobe, Precentral Gyrus (BA 9)	R	-40	23	34	3.30
Frontal Lobe, Middle Frontal Gyrus (BA 9)	R	-40	23	34	3.30
Frontal Lobe, Inferior Frontal Gyrus (BA 44)	L	53	1	18	3.63
Frontal Lobe, Precentral Gyrus (BA 6)	L	53	1	18	3.63
Limbic Lobe, Cingulate Gyrus (BA 24)	R	-2	-8	30	3.62
Limbic Lobe, Cingulate Gyrus (BA 24)	L	4	-22	34	3.21
Limbic Lobe, Cingulate Gyrus (BA 23)	L	4	-22	34	3.21
Frontal Lobe, Middle Frontal Gyrus (BA 46)	R	-46	20	21	3.50
Sub-Lobar, Thalamus, Mammillary Body	R	-10	-21	3	3.41
Sub-Lobar, Thalamus	R	-22	-21	-1	3.12
Frontal Lobe, Inferior Frontal Gyrus (BA 45)	R	-40	20	3	3.39
Sub-Lobar, Insula (BA 13)	R	-40	20	3	3.39
Limbic Lobe, Cingulate Gyrus (BA 31)	R	-10	-43	37	3.26
Sub-Lobar, Claustrum	R	-30	8	-4	3.20