

CNI
Thompson Center For
Restorative Neurosurgery
Outcomes Report
2007

Submitted by
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In 2007 performed Deep Brain Stimulation in 5 Parkinson's disease patients, 1 dystonia patient, and 2 essential tremor patients.

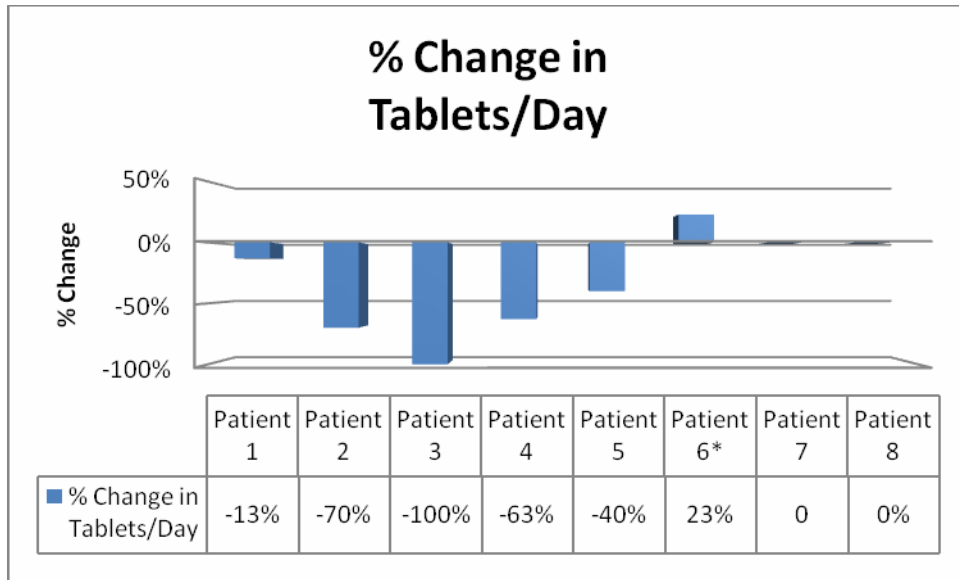
	Date of Surgery	Diagnosis
Patient 1	2/6/2007	Parkinson's Disease
Patient 2	4/3/2007	Parkinson's Disease
Patient 3	6/26/2007	Parkinson's Disease
Patient 4	5/11/2007	Dystonia
Patient 5	5/28/2007	Parkinson's Disease
Patient 6	7/24/2007	Parkinson's Disease
Patient 7	7/24/2007	Essential tremor
Patient 8	12/11/2007	Essential tremor

Here is the data we have collected regarding reduction of their medications. Notice how many pills a person has to take per day and how it is reduced after surgery. One essential tremor patient was not on any medication for his tremor, the other patient will be reducing her medicine in the next few months. The dystonia patient has had some reduction of medication but we anticipate more as we are cautiously reducing his narcotics as to avoid any problems.

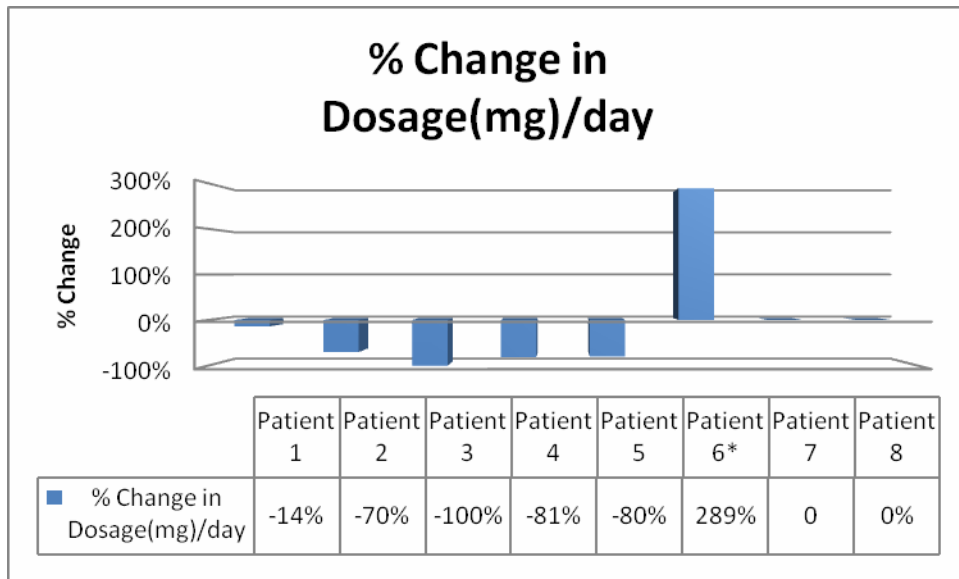
Most of these patients are still being followed up on a regular basis and further programming is being done on their stimulators so we expect the medications to drop even more over the following months.

	Medication	Pre-Brain Stimulation		Medication	Post-Brain Stimulation	
		Tablets/Day	Dose (mg)		Tablets/Day	Dose (mg)
Patient 1	Snemet 50/200	5	1000mg	Snemet 25/100	7	700mg
	Comtan 200mg	5	1000mg	Comtan 200mg	6	1200mg
	Requip 6mg	3	18mg			
	Amantadine 100mg	2	200mg			
	Parcopa	PRN				
	TOTAL	15/ day	2218mg		13/ day	1900mg
Patient 2	Snemet 25/100 (2 tabs)	5	1000mg	Snemet CR50/200 (1/2 tab)	3	300mg
	Snemet 25/100	PRN				
	TOTAL	10/ day	1000mg		3/ day	300mg
Patient 3	Snemet CR50/200	1	100mg	NO MEDICATIONS		
	Snemet 25/100 (1/2 tab)	4	200mg			
	Mirapex 1mg	4	4mg			
	Mirapex 0.5mg	5	250mg			
	TOTAL	14/ day	554mg		0/ day	0mg
Patient 4	Badofen 20mg	8	160mg	Badofen 20 mg (1/2 tab)	3	30mg
	TOTAL	8/ day	160mg		3/ day	30mg
Patient 5	Salevo 150mg	3	450mg			
	Snemet 25/100	3	300mg	Snemet 25/100 (1/2 tab)	3	150mg
	Mirapex 1mg	4	4mg	Mirapex 1mg (1/2 tab)	3	1.5mg
	TOTAL	10/ day	754mg		6/ day	151.5mg
Patient 6*	Snemet 25/100 (1/2 tab)	5	250mg	Snemet 25/100	4	400mg
	Mirapex 1mg	5	5mg	Mirapex 1.5mg	5	7.5mg
	Tasmar 100mg	3	300mg			
				Amantadine 100mg	2	200mg
				Comtan 200mg	4	800mg
	TOTAL	13/ day	555mg	Snemet CR50/200	1	200mg
Patient 7	NO MEDICATIONS			NO MEDICATIONS		
Patient 8	Inderal 60mg	1	60mg	Inderal 60mg	1	60mg
	Primadone 100mg	2	200mg	Primadone 100mg	2	200mg
	TOTAL	3/ day	260mg		3/ day	260mg

*Patient 6 has increased her medication after surgery. This patient is still in the process of being programmed. One electrode is optimally placed and the other electrode may need to be repositioned surgically.



*Patient 6 has increased her medication after surgery. She had a 23% INCREASE in the number of tablets she took per day. All other patients had a DECREASE in the number of tablets per day.



*Patient 6 has increased her medication after surgery. She had a 289% INCREASE in the dosage (mg) of medications she took per day. All other patients had a DECREASE in the number of tablets per day.