

## Patient History

A 62-year-old Caucasian male with acute migraine presented for evaluation at a tertiary care medical center in the East. The patient reported a 25-year history of daily migraines of moderate to severe intensity. He stated that he is no longer employable, due to the debilitating daily effects of his migraine and his inability to sustain relationships with others secondary to poor neurological health and the demands of managing his medication schedule. According to the patient, the side effects of medications have outweighed the gains in health and quality of life. After obtaining the patient history, his neurologist diagnosed him with daily persistent headache.

## Medication and Treatment History

### Relief Attempts

- Candesartan
- Methadone
- Indomethacine
- Naratriptan
- Eletriptan
- Sertraline
- Morphine
- Omeprazole
- Trazadone
- Methylphenidate

### Results

- Moderate Pain Relief
- Moderate Pain Relief
- Slight relief of muscle pain and tension
- Confusion and drowsiness
- Slight relief of photophobia and nausea
- Slight relief of anxiety
- Sedating
- Used to counter GI effects of multiple drugs
- Drowsiness
- Drowsiness

## SpringTMS Therapy

- Patient was prescribed the SpringTMS to help abort and lessen migraine symptoms.
- Prescription: administer 4 pulses twice a day and up to 9 pulses as needed for acute migraine rescue.

## Results

- ↓ overall medication use by 50% during the first month of device use
- Migraine severity symptoms improve with continued use
- ↓ time needed to take his medications
- ↑ interaction with family and friends
- ↑ activities of daily living such as driving, shopping and exercising

## Summary

### Before SpringTMS

- Daily headaches
- Moderate to Severe intensity

### After SpringTMS

- Migraine frequency ↓ <15 per month
- Migraine intensity score reduced from 7 or 9 to a 3 or 5.
- Rescue medication use ↓ by 50%.