

# Multiple sclerosis (MS) – End stage progressive

- 24 years with Multiple sclerosis (MS)
- End stage progressive
- Wheelchair bound for 4 years
- Severe muscle pain and twitching
- Told he is end stage and will only deteriorate

**Symptoms:** Insomnia, bladder infections needing to void 10 times per night, Optic neuritis (inflammation of the optic nerve), severe muscle pain and twitching, confusion, weakness, wheelchair bound, unable to walk or stand. Multitude of bacterial infections.

# Multiple sclerosis (MS) – End stage progressive

- 1991 First developed symptoms of Multiple Sclerosis
- 2004 Scans showing extensive lesions in his brain & spinal cord indicating secondary progressive MS
- 2012 Neurologist:
  - Patient has now developed secondary progressive MS

# Multiple sclerosis (MS) – End stage progressive

- 2012 Neurologist (cont.):
  - There is no known effective treatment for that condition
  - Patient is confined to a wheelchair & will never work again
  - Patient needs assistance with all his personal needs, toileting, showering, dressing

# Multiple sclerosis (MS) – End stage progressive

- 17-Sep-2014 - Started Second Generation GcMAF therapy, 0.5 ml High Dose GcMAF (1500 ng/0.5 ml) twice weekly

## Initial response after 3 weeks of treatment with 2nd Generation GcMAF

- Responded very well to GcMAF from the start. Slept through the night to 7 AM to use his bladder.
- Has gone off all medications for pain and bladder control and is off antibiotics.
- Has more energy and is able to drive an adapted car.
- Going to work every day. He still doesn't walk and he still has some confusion.

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## Response after 6 weeks of treatment with 2nd Generation GcMAF

- Has full bladder control and off medication for bladder infections and also patches to assist bladder to function. Brain fog is much better and he is animated and happy.
- 31-Oct-2014 - Patient is able to walk for the first time after 4 years being wheelchair bound and go up and down stairs
- Patient is continuing treatment with 2nd Generation GcMAF, 0.5 ml High Dose GcMAF (1500 ng/0.5 ml) 3 times weekly

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17-Sep-2014  
Start of treatment. Wheelchair bound for 4 years, prior to starting Second Generation GcMAF therapy



31-Oct-2014  
After 6 weeks of treatment patient is able to walk with assistance for the first time



Leg muscles are small and weak due to 4 years being wheelchair bound

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31-Oct-2014  
Climbing stairs



12-Dec-2014  
After 3 months of treatment.  
Demonstrating his new found  
balance. Patient is currently  
undergoing walking rehabilitation  
and now using walking sticks