

PATIENT CASE STUDY # 083

MULTIPLE SCLEROSIS

NAME: [REDACTED] AGE: 37 SEX: Female NATIONALITY: Irish

TREATMENT CENTER: Belgrade DATE: 02.-14. April 2013

DIAGNOSIS: Primary Progressive Multiple Sclerosis

PRE-TREATMENT CONDITION: Physical examination shows stable vital signs. Patient complains about double vision, reduced eyesight in her left eye, depression, occasional headaches and complete lack of energy. She cannot walk due to right side limbs weakness (with reoccurring bursts of pain), extreme fatigue, vertigo and sickness and relies on her wheelchair.

TREATMENT DATA

STEM CELL TREATMENT					
STEM CELL TYPE	EXTRACTION DATE	EXTRACTION TYPE	DELIVERY DATE	DELIVERY TYPE	SIDE EFFECTS
Adipose	04. April	Liposuction	04. April	IV	none
Bone marrow	05. April	Aspiration	05. April	IV	none

ENHANCEMENT PROCEDURES			
PROCEDURE	DATES	NO. OF TREATMENTS	SIDE EFFECTS
Oxyven therapy	10.-14. April	5	none
Xenon gas inhalation	06.-12. April	7	none
Plasmapheresis	07. April	1	none
Blood irradiation	08.-12. April	5	none

PHYSIOTHERAPY			
PROCEDURE	DATES	NO. OF TREATMENTS	SIDE EFFECTS
Lymphatic drainage	08.- 13. April	6	none
Magnetic field therapy	10.-14. April	5	none
Massage	06. - 10. April	5	none

PATIENT CONDITION: After stem cell treatment, patient had no side effects, feels fatigued, but relaxed. Following Enhancement procedures and Physiotherapy improved her energy levels and bursts of pain became much less frequent and less intensive. Depression periods are shorter and very rare.

SWISS MEDICA SUPPLEMENTS & MEDICATION			
SUPPLEMENT	DOSE	ADMINISTRATION	SIDE EFFECTS
Swiss Medica Neurometabolic protocol ®	4 x 100 ml	IV	none
Swiss Medica Regenerative protocol ®	3 x 10 ml	IM injection	none

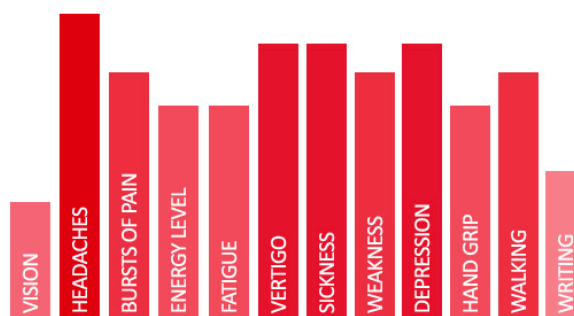
FOLLOW - UP # 1

TREATMENT CENTER: Belgrade DATE: 20. July 2013



LEVELS OF IMPROVEMENT
3 MONTHS AFTER THE TREATMENT

vision	4	Headaches	10
Bursts of pain	8	Energy level	7
fatigue	7	Vertigo	9
sickness	9	Weakness	8
depression	9	Hand grip	7
walking	8	Writing	5



PATIENT CONDITION: 3 months after Stem cell treatment, patient has favorable reaction to the results of the treatment. She rarely uses her wheelchair, walks with crutches and even without them for short distances. She feels much more stable on her feet as the time passes. Bursts of pain are of much less intensity, and appear only after long walks. She had only one occurrence of vertigo and sickness. Depression periods are rare. Her eyesight somewhat improved but she is still not satisfied with her vision. Fatigue level is still high after longer walks.

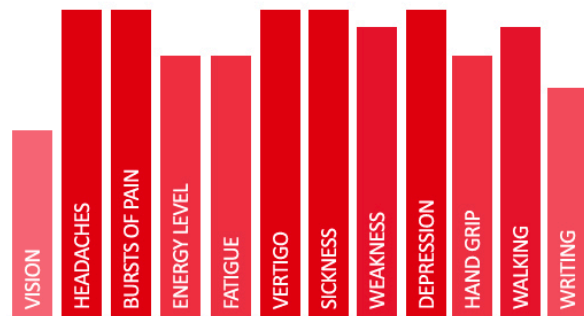
FOLLOW - UP #2

TREATMENT CENTER: Belgrade DATE: 18. October 2013



improvements in your condition	
Headaches	10
Vision	6
Energy level	8
Bursts of pain	10
Vertigo	10
Fatigue	8
Weakness	9
Sickness	10
Hand grip	8
Depression	10
Writing	7
Walking	9

LEVELS OF IMPROVEMENT
6 MONTHS AFTER THE TREATMENT



PATIENT CONDITION: 6 months after the treatment, patient shows significant improvements. She can walk for much longer distances with the same level of fatigue as she used to have after her short walks. She had no pains, no vertigo, no sickness, no depression. She still has reduced eyesight in her left eye, but no double vision. She can write with her right hand but gets tired quickly - she admits that she didn't exercise with her hand enough as she was instructed.

FINAL ASSESSMENT



POST TREATMENT IMPROVEMENTS ASSESSMENT

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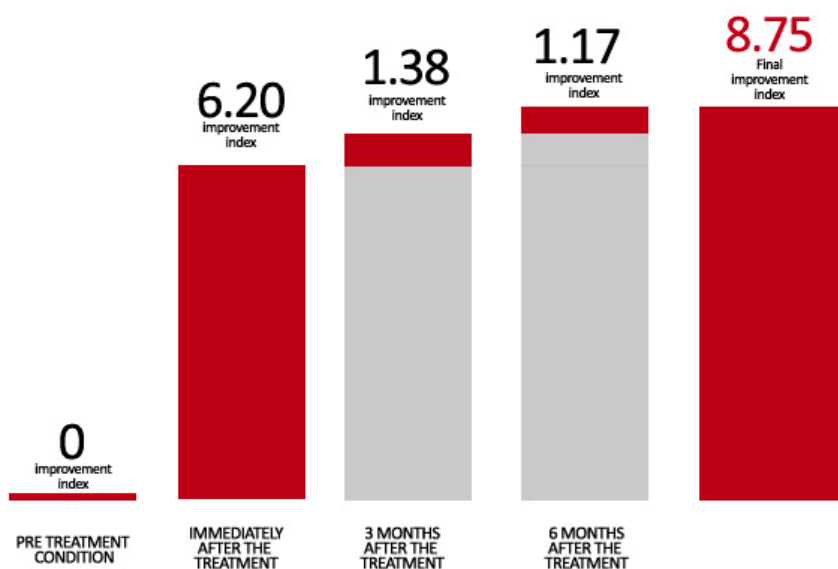
Primary Progressive Multiple Sclerosis



70% IMPROVEMENT IMMEDIATELY AFTER THE TREATMENT

16% IMPROVEMENT 3 MONTHS AFTER THE TREATMENT

14% IMPROVEMENT 6 MONTHS AFTER THE TREATMENT



Based on the patient's evaluation on the levels of improvement of her condition (improvements of the symptoms are graded 1-10) we can conclude that her overall condition significantly improved (average rating of 6.20) immediately after stem cell administration. First follow-up evaluation showed additional improvements in all of her symptoms (average rating of 7.58) as well as the second follow-up evaluation - final improvement rating of 8.75 which means that the patient's condition improved 87,5 % by her own assessment.