

PATIENT CASE STUDY # 099

MULTIPLE SCLEROSIS

NAME: [REDACTED] AGE: 23 SEX: Female NATIONALITY: French

TREATMENT CENTER: Belgrade DATE: 09.-20. February 2014

DIAGNOSIS: Relapsing Remitting Multiple Sclerosis

PRE-TREATMENT CONDITION: Physical examination shows stable vital signs. The patient is diagnosed with Relapsing Remitting Multiple Sclerosis two years ago. Relapses do not occur often (no detailed timeline) and usually last less than a week. Symptoms (during relapses) include extreme fatigue, some stiffness in leg muscles, blurry eyesight (sometimes with weak pain in left eye), bowel and urinary problems. The symptom that the patient mostly complains about during relapses are memory and balance problems. She feels that memory problems and fatigue started to linger during remissions which could be a sign of MS progression.

TREATMENT DATA

STEM CELL TREATMENT					
STEM CELL TYPE	EXTRACTION DATE	EXTRACTION TYPE	DELIVERY DATE	DELIVERY TYPE	SIDE EFFECTS
Adipose	10. Feb.	Liposuction	10. Feb.	IV	none
Bone marrow	11. Feb.	Aspiration	11. Feb.	IV	none

ENHANCEMENT PROCEDURES			
PROCEDURE	DATES	NO. OF TREATMENTS	SIDE EFFECTS
Oxyven therapy	12.-17. Feb.	7	none
Xenon gas inhalation	12.-16. Feb.	6	none
Plasmapheresis	20. Feb.	1	none
Blood irradiation	14.-18. Feb.	5	none

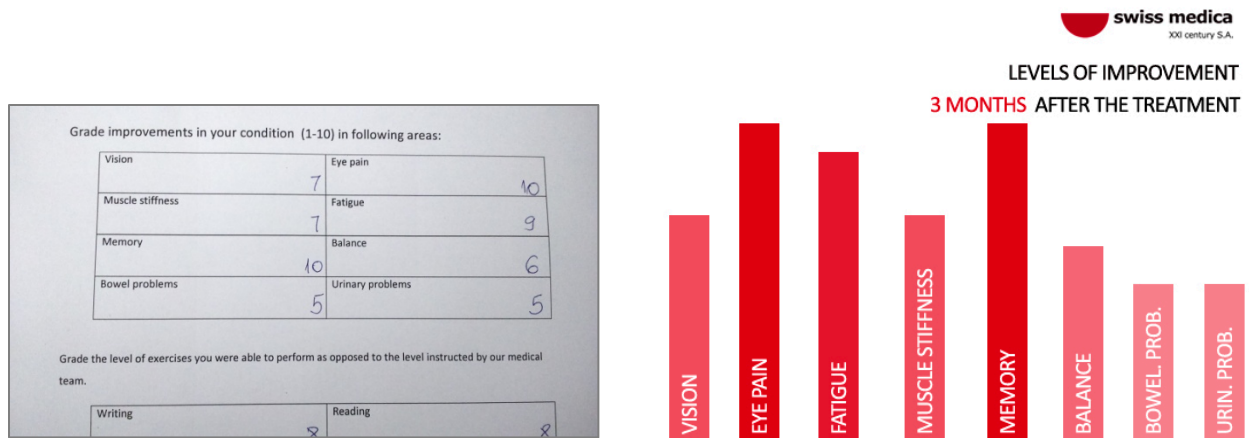
PHYSIOTHERAPY			
PROCEDURE	DATES	NO. OF TREATMENTS	SIDE EFFECTS
Lymphatic drainage	14.-18. Feb.	5	none
Magnetic field therapy	12.-16. Feb.	6	none
Massage	12.-17. Feb	7	none

PATIENT CONDITION: After stem cell treatment, the patient had no side effects. Her mood is much better and she does not feel any fatigue. She had no relapses while at the clinic to compare her condition, but feels optimistic about results of the treatment. Tests show no problems with her cognition or memory.

SWISS MEDICA SUPPLEMENTS & MEDICATION			
SUPPLEMENT	DOSE	ADMINISTRATION	SIDE EFFECTS
Swiss Medica Neurometabolic protocol ®	4 x 100 ml	IV	none
Swiss Medica Regenerative protocol ®	5 x 10 ml	IM injection	none

FOLLOW - UP # 1

TREATMENT CENTER: Belgrade DATE: 18. May 2014



PATIENT CONDITION: 3 months after Stem cell treatment, the patient had a short relapse through which she suffered fewer and less intense symptoms. Her eye pain, and memory problems are completely eliminated. Fatigue is minimal, vision and muscle stiffness significantly improved. She is not quite satisfied with balance, bowel and urinary problems, although those symptoms also improved. There were no new symptoms, no signs of disease progression whatsoever.

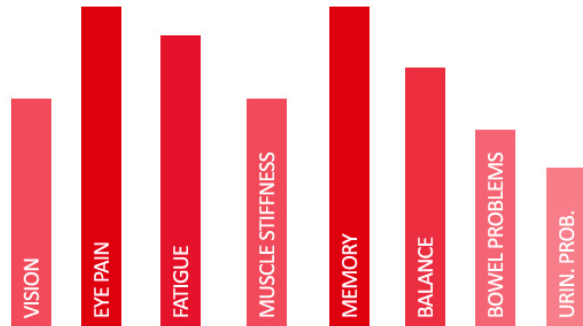
FOLLOW - UP #2

TREATMENT CENTER: Belgrade DATE: 16. August 2014



Grade improvements in your condition (1-10) in following areas:	
Vision	7
Muscle stiffness	7
Memory	10
Bowel problems	6
Eye pain	10
Fatigue	9
Balance	8
Urinary problems	5

LEVELS OF IMPROVEMENT
6 MONTHS AFTER THE TREATMENT



PATIENT CONDITION: Patient had a short relapse during three months after initial follow-up. Her Balance significantly improved as well as bowel problems. The patient is unsatisfied with urinary problems improvement stagnation, but is very optimistic considering elimination of early signs of progression (extreme fatigue, memory).

FINAL ASSESSMENT



POST TREATMENT IMPROVEMENTS ASSESSMENT

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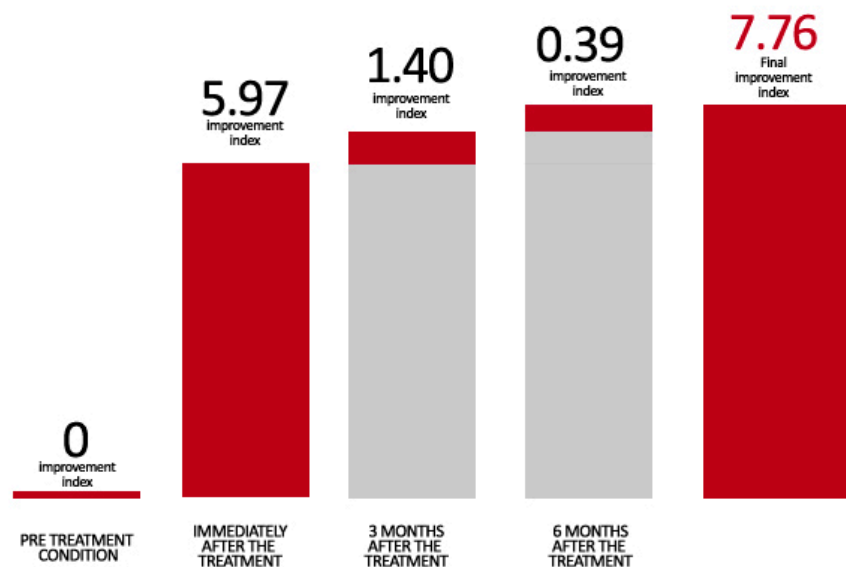
Relapsing-remitting Multiple Sclerosis



77% IMPROVEMENT IMMEDIATELY AFTER THE TREATMENT

18% IMPROVEMENT 3 MONTHS AFTER THE TREATMENT

5% 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 immediately after stem cell administration (average rating of 5.97) and that disease progression stopped. First follow-up evaluation showed additional improvements in most of her symptoms (average rating of 7.37). Second follow-up evaluation showed some stagnation (urinary problems) but significant improvement in some of the symptoms (Balance). Final improvement rating is 7.75 - patient's symptoms improved 77,5 % by her own assessment.