

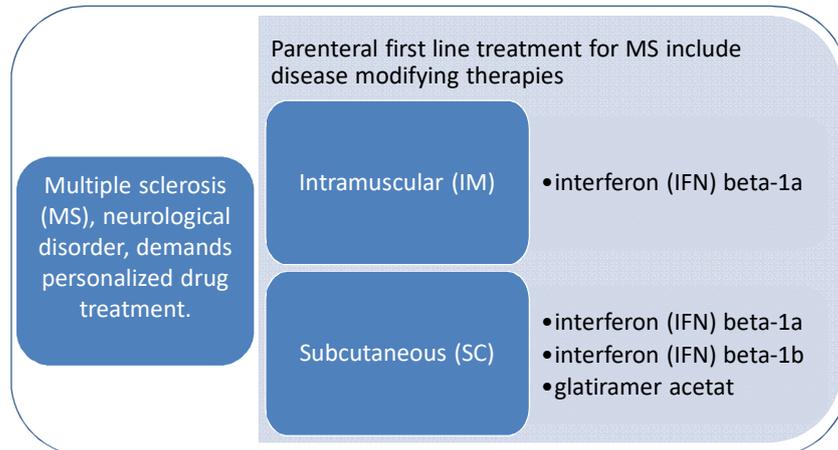
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QUALITY OF LIFE IN MULTIPLE SCLEROSIS PATIENTS WITH PARENTERAL FIRST-LINE TREATMENT: EXPERIENCE IN A UNIVERSITY HOSPITAL

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Background



Patients may respond well, „look fine”, but have a reduce quality of life (QoL).

Purpose

To assess the relationship between:

Neuropsychiatric complication

QoL

Biological variables (age, EDSS, duration of drug use)

Knowing that the overall wellbeing of patients is not a simple manifestation of impairment or disability but also of many psychosocial and emotional factors.

Methods

- ✓ Retrospective study, January 2016-september 2017
- ✓ Patients with chronic treatment for years
- ✓ Data collected from the patients medical records
- ✓ The instrument used: **MSQoL 54** questionnaire with two major components: **physical** and **mental** health.
- ✓ An excel database was designed to analyze the results

Results

Significant differences in mental and physical health occur at extreme ages of patients (24-64), young patients show more mental affected with poor QoL due to factor such as depression, anxiety and stress.

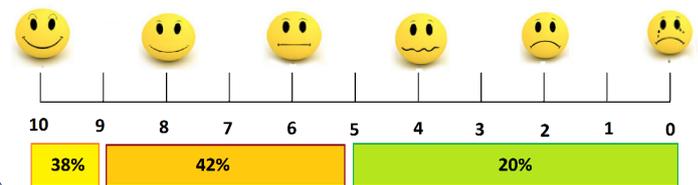
We found 2 category of patients

Over 35	Under 35
Neurologic dysfunction	Free of significant physical symptoms
EDSS >3,5	EDSS 0-1
Good QoL	QoL seriously impaired, despite good response to treatment
Mental health>>>physical health	Physical health>>>mental health
Positive correlation of QoL/age/mental symptoms	Negative correlation between age/mental symptoms/QoL

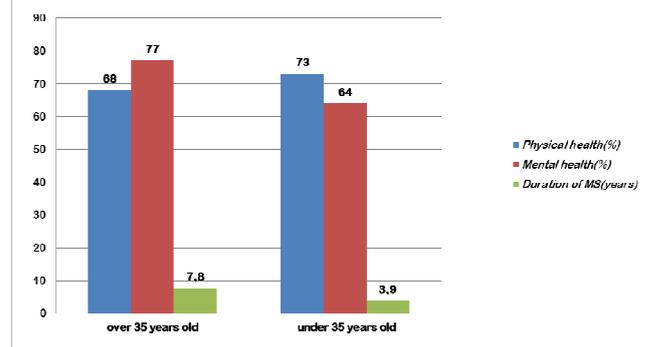
Conclusion

Is important to assess QoL in MS patients, not common in every clinical practice, from the beginning, during the routine clinical visits to identify those patients most in need of pharmaceutical care. Physical and mental aspects of lives should be screened for carefully. The role of health care clinician should be in education and counseling to improve QoL.

QoL according to MS-QOL54



Mental health VS physical health- related to age



Distribution of parenteral first line treatment

- 55 patients, 78 % women
- Mean age 41.2 (24-64)
- Median of MS 7 years
- The average of patient's visits to the neurology during the last year was 3.

