

NEUROSTATUS SCORING

Scoring Sheet for a standardised, quantified neurological examination and assessment of Kurtzke's Functional Systems and Expanded Disability Status Scale in Multiple Sclerosis

STUDY NAME

PERSONAL INFORMATION

Patient

Date of Birth (04-Jun-1980) - -

Centre Nr/Country

Name of EDSS rater

Date of Examination - - 2 0

SYNOPSIS OF FS SCORES

1. Visual ¹	<input type="text"/>	5. Sensory	<input type="text"/>
2. Brainstem	<input type="text"/>	6. Bowel/Bladder ¹	<input type="text"/>
3. Pyramidal	<input type="text"/>	7. Cerebral	<input type="text"/>
4. Cerebellar	<input type="text"/>	¹ = converted FS Score	

EDSS Step

Signature

1. VISUAL (OPTIC) FUNCTIONS

OPTIC FUNCTIONS	OD	OS	Scotoma	<input type="text"/>	<input type="text"/>
Visual acuity (corrected)	<input type="text"/>	<input type="text"/>	* Disc pallor	<input type="text"/>	<input type="text"/>
Visual fields	<input type="text"/>	<input type="text"/>	FUNCTIONAL SYSTEM SCORE	<input type="text"/>	<input type="text"/>

2. BRAINSTEM FUNCTIONS

CRANIAL NERVE EXAMINATION		
Extraocular movements (EOM) impairment	<input type="text"/>	Hearing loss
Nystagmus	<input type="text"/>	Dysarthria
Trigeminal damage	<input type="text"/>	Dysphagia
Facial weakness	<input type="text"/>	Other cranial nerve functions
		FUNCTIONAL SYSTEM SCORE

3. PYRAMIDAL FUNCTIONS

REFLEXES	R	> <	L		
Biceps	<input type="text"/>	<input type="text"/>	<input type="text"/>	Knee flexors	<input type="text"/>
Triceps	<input type="text"/>	<input type="text"/>	<input type="text"/>	Knee extensors	<input type="text"/>
Brachioradialis	<input type="text"/>	<input type="text"/>	<input type="text"/>	Plantar flexion (feet/toes)	<input type="text"/>
Knee	<input type="text"/>	<input type="text"/>	<input type="text"/>	Dorsiflexion (feet/toes)	<input type="text"/>
Ankle	<input type="text"/>	<input type="text"/>	<input type="text"/>	* Position test UE, pronation	<input type="text"/>
Plantar response	<input type="text"/>	<input type="text"/>	<input type="text"/>	* Position test UE, downward drift	<input type="text"/>
Cutaneous reflexes	<input type="text"/>	<input type="text"/>	<input type="text"/>	* Position test LE, sinking	<input type="text"/>
* Palmomental reflex	<input type="text"/>	<input type="text"/>	<input type="text"/>	Able to lift only one leg at a time (grade in °)	<input type="text"/>
LIMB STRENGTH	R	L		* Walking on heels	<input type="text"/>
Deltoids	<input type="text"/>	<input type="text"/>		* Walking on toes	<input type="text"/>
Biceps	<input type="text"/>	<input type="text"/>		* Hopping on one foot	<input type="text"/>
Triceps	<input type="text"/>	<input type="text"/>		SPASTICITY	
Wrist/finger flexors	<input type="text"/>	<input type="text"/>		Arms	<input type="text"/>
Wrist/finger extensors	<input type="text"/>	<input type="text"/>		Legs	<input type="text"/>
Hip flexors	<input type="text"/>	<input type="text"/>		Gait	<input type="text"/>
				FUNCTIONAL SYSTEM SCORE	<input type="text"/>

* = optional
¹ = converted FS Score

4. CEREBELLAR FUNCTIONS

CEREBELLAR EXAMINATION				Rapid alternating movements UE impairment		<input type="text"/>	<input type="text"/>
Head tremor	<input type="text"/>			Rapid alternating movements LE impairment	<input type="text"/>	<input type="text"/>	
Truncal ataxia	<input type="text"/>			Tandem walking		<input type="text"/>	
		R	L	Gait ataxia		<input type="text"/>	
Tremor/dysmetria UE	<input type="text"/>	<input type="text"/>	<input type="text"/>	Romberg test		<input type="text"/>	
Tremor/dysmetria LE	<input type="text"/>	<input type="text"/>	<input type="text"/>	Other, e. g. rebound		<input type="text"/>	
				FUNCTIONAL SYSTEM SCORE		<input type="text"/>	

5. SENSORY FUNCTIONS

SENSORY EXAMINATION		R	L			Position sense UE		<input type="text"/>	<input type="text"/>
Superficial sensation UE	<input type="text"/>	<input type="text"/>	<input type="text"/>			Position sense LE	<input type="text"/>	<input type="text"/>	
Superficial sensation trunk	<input type="text"/>	<input type="text"/>	<input type="text"/>			* Lhermitte's sign		<input type="text"/>	
Superficial sensation LE	<input type="text"/>	<input type="text"/>	<input type="text"/>			* Paraesthesiae UE	<input type="text"/>	<input type="text"/>	
Vibration sense UE	<input type="text"/>	<input type="text"/>	<input type="text"/>			* Paraesthesiae trunk	<input type="text"/>	<input type="text"/>	
Vibration sense LE	<input type="text"/>	<input type="text"/>	<input type="text"/>			* Paraesthesiae LE	<input type="text"/>	<input type="text"/>	
						FUNCTIONAL SYSTEM SCORE		<input type="text"/>	

6. BOWEL/ BLADDER FUNCTIONS

Urinary hesitancy/retention	<input type="text"/>	Bowel dysfunction	<input type="text"/>
Urinary urgency/incontinence	<input type="text"/>	* Sexual dysfunction	<input type="text"/>
Bladder catheterisation	<input type="text"/>	FUNCTIONAL SYSTEM SCORE	<input type="text"/> → <input type="text"/>

7. CEREBRAL FUNCTIONS

MENTAL STATUS EXAMINATION				Decrease in mentation		<input type="text"/>
+ Depression	<input type="text"/>			+ Fatigue	<input type="text"/>	
+ Euphoria	<input type="text"/>			FUNCTIONAL SYSTEM SCORE		<input type="text"/>

8. AMBULATION

Walking range as reported (without help or sticks)			
meters	<input type="text"/>		
in min	<input type="text"/>		
Distance able to walk without rest or assistance		Requires constant assistance to walk 100 meters	
≥ 100 meters, but < 200 meters	<input type="text"/>	Unilateral assistance (in meters)	<input type="text"/>
≥ 200 meters, but < 300 meters	<input type="text"/>	Cane/crutch	<input type="text"/>
≥ 300 meters, but < 500 meters	<input type="text"/>	Other	<input type="text"/>
≥ 500 meters but not unrestricted	<input type="text"/>	Bilateral assistance (in meters)	<input type="text"/>
Unrestricted	<input type="text"/>	Canes/crutches	<input type="text"/>
Actual distance (obligatory up to 500 m if possible)		Other	<input type="text"/>
meters	<input type="text"/>	Assistance by another person (in meters)	<input type="text"/>

* = optional

¹ = converted FS Score

+ Because depression, euphoria and fatigue are difficult to evaluate objectively, in some studies it does not contribute to the Cerebral FS score or EDSS step. Please adhere to the study's specific instructions.