

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

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

1. VISUAL (OPTIC) FUNCTIONS

OPTIC FUNCTIONS	OD	OS	Scotoma	<input type="text"/>	<input type="text"/>
Visual acuity <input type="checkbox"/> CC <input type="checkbox"/> SC	<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	<input type="text"/>	<input type="text"/>

3. PYRAMIDAL FUNCTIONS

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

CC = corrected * = optional part of the examination
 SC = without correction 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"/>	<input type="text"/>	
		R	L	Gait ataxia	<input type="text"/>	<input type="text"/>	
Tremor/dysmetria UE	<input type="text"/>	<input type="text"/>	<input type="text"/>	Romberg test	<input type="text"/>	<input type="text"/>	
Tremor/dysmetria LE	<input type="text"/>	<input type="text"/>	<input type="text"/>	Other, e. g. rebound	<input type="text"/>	<input type="text"/>	
				FUNCTIONAL SYSTEM SCORE	<input type="text"/>	<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"/>	<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"/>	<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"/> ¹

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"/>	

AMBULATION

Distance reported by patient (in meters)	<input type="text"/>	Assistance	<input type="text"/>
Time reported by patient (in minutes)	<input type="text"/>	Distance measured (in meters)	<input type="text"/>
		AMBULATION SCORE	<input type="text"/>

* = optional part of the examination

¹ = converted FS Score

° Depression and Euphoria are not taken into consideration for FS and EDSS calculation.

+ Because fatigue is 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.

UE = upper extremities

LE = lower extremities