

## EDINBURGH MOTOR ASSESSMENT (EMAS)

1 December 2013

<b>Addressograph</b>		<b>Date</b>	
<b>Name:</b>		<b>Tester</b>	
<b>CHI:</b>		<b>Dominant Hand</b>	

Brief questions about history	NO	YES	How Long?	Comments
1. Difficulty swallowing?				
2. Loss of manual dexterity?				
3. Imbalance/falls?				

All Items should be rated on a 4-point-scale

SCORE	0	1	2	3
	Normal findings/ full function	Slightly abnormal/ minimal impairment	Clearly abnormal/ restricted function	Severely abnormal/ lack of function

EYES	Laterality	Extrapyramidal	Amyotrophic	Cerebellar	Complex
1. Range horizontal					
2. Speed/latency horizontal					
3. Range vertical					
4. Speed/latency vertical					
5. Nystagmus					

MOUTH-TONGUE	Laterality	Extrapyramidal	Amyotrophic	Cerebellar	Complex
6. Orobuccofacial apraxia					
7. Wasting/fasciculations					
8. Dysarthria					

UPPER LIMBS						
Amyotrophic features	Laterality		Extrapyramidal	Amyotrophic	Cerebellar	Complex
9. Weakness	R					
10. Weakness		L				
11. Wasting/fasciculations	R					
12. Wasting/fasciculations		L				
Extrapyramidal features	Laterality		Extrapyramidal	Amyotrophic	Cerebellar	Complex
13. Involuntary movements	R					
14. Involuntary movements		L				
15. Rigidity	R					
16. Rigidity		L				

<i>CONTINUE UPPER LIMBS</i> Extrapyramidal features	<i>Laterality</i>		Extrapyramidal	Amyotrophic	Cerebellar	Complex
17. Bradykinesia	R					
18. Bradykinesia		L				
19. Tremor	R					
20. Tremor		L				

Cerebellar features	<i>Laterality</i>		Extrapyramidal	Amyotrophic	Cerebellar	Complex
21. Finger-nose test	R					
22. Finger-nose test		L				
23. Dysdiadochokinesia	R					
24. Dysdiadochokinesia		L				

Complex movements	<i>Laterality</i>		Extrapyramidal	Amyotrophic	Cerebellar	Complex
25. Fist/palm						
26. Pronation/supination						
27. Luria 3-step examination						
28. Signe d'applaudissement						
29. Limb apraxia	R					
30. Limb apraxia		L				

LOWER LIMBS	<i>Laterality</i>		Extrapyramidal	Amyotrophic	Cerebellar	Complex
31. Gait						
32. Tandem gait						
33. Balance/retropulsion						

ITEMS	<i>Laterality</i>		Extrapyramidal	Amyotrophic	Cerebellar	Complex
<b>SUBSCORE</b>						
	/27	/27	/42	/15	/18	/24
<b>Laterality Index (Difference R – L)</b>					<b>Total SCORE</b>	/99

### Comments

For feedback and comments please e-mail: [thomas.bak@ed.ac.uk](mailto:thomas.bak@ed.ac.uk)