Rater Questionnaire

Validity & Reliability of the modified Mayhew Ataxia score.
Instructions:

Please do not to talk about the patient during the examination, until all raters have finished and handed in the assessment form.

Please fill in your ID-number. If you haven't received it or forgotten it please have Emil find your envelope.

Please evaluate each task immediately on the dedicated questionnaire page, finish and turn to the next page.

Please fill in the questionnaire as the examination progresses.

Horse number:	
Rater ID:	Number: Letter:

History	**Choice**
Do you know this horse's history or source?	
Yes	☐
No	☐
If yes, is the primary presenting complaint:	
A neurological disease?	☐
A lameness problem?	☐
Abnormal gait of unknown aetiology?	☐
The horse is <u>not</u> known to have a problem	☐

1 – Walk and trot

Walk and trot on a straight line, hard surface	**Choice**
Do you think this horse's gait is (only <u>one</u> answer please)	
Normal?	☐
Abnormal?	☐
Do you think this horse is (only <u>one</u> answer please)	
Lame?	☐
Neurologic?	☐
Lame AND Neurologic?	☐
Normal?	☐
I don't know	☐
IF Lame, which leg(s) is it lame on?	
Left Thoracic limb?	☐
Right Thoracic limb?	☐
Left Pelvic limb?	☐
Right Pelvic limb?	☐
IF Neurologic, is it	
Ataxic?	☐
Paretic?	☐
Ataxic and Paretic?	☐

Please grade (**neurological**):

0	1	2	3	4	5
No gait deficits	No deficits identified at the walk.	Deficits noted at the walk	Marked deficits noted at the walk	Severe deficits noted at the walk.	Recumbent
	Deficits only identified during further testing			May fall or nearly fall at normal gaits	

Please grade (**musculoskeletal**):

0	1	2	3	4	5	6	7	8	9	10
Sound										Non Weight Bearing

I cannot evaluate this based on the video   ☐

2 – Head elevation, straight line

Head elevation, straight line	Choice	
Do you think this horse's gait is (only <u>one</u> answer please)		
Normal?	☐	
Abnormal?	☐	

	Yes	No
If abnormal, is the horse's gait deficit more readily identified on this test?	☐	☐
Does the horse make foot placement mistakes (toe dragging, knuckling, stumbling)	☐	☐
Is the horse paretic?	☐	☐
Is the horse ataxic?	☐	☐
Is the horse hypermetric?	☐	☐
Is the horse hypometric?	☐	☐
Is the horse both ataxic and hypermetric?	☐	☐

I cannot evaluate this based on the video ☐

3 – Walk with blindfold

Walk with blindfold	Choice	
Do you think this horse's gait is (only <u>one</u> answer please)		
Normal?	☐	
Abnormal?	☐	

	Yes	No
If abnormal, is the horse's gait deficit more readily identified on this test?	☐	☐

I cannot evaluate this based on the video ☐

4 – Standing tail pull

Standing tail pull	Choice	
Do you think this is (only <u>one</u> answer please)		
Normal?	☐	
Abnormal?	☐	

	Yes	No
If abnormal, is the horse's deficit more readily identifiable on this test?	☐	☐

I cannot evaluate this based on the video ☐

5 – Walking tail pull

Walking tail pull	Choice	
Do you think this is (only <u>one</u> answer please)		
Normal?	☐	
Abnormal?	☐	

	Yes	No
If abnormal, is the horse's gait deficit more readily identified on this test?	☐	☐

6 – Walk, small circles

Walk, circles

	Left rein	Right rein
Do you think this horse's gait is (only <u>one</u> answer please)		
Normal?	☐	☐
Abnormal?	☐	☐

	Yes	No
Is the horse circumducting its pelvic limb(s)?	☐	☐
If abnormal, is the horse's gait deficit more readily identified on this test?	☐	☐
Is the horse turning normally on its pelvic limbs?	☐	☐
Is the horse turning normally on its thoracic limbs?	☐	☐

I cannot evaluate this based on the video ☐

7 – Backing up

Backing up | Choice

	Choice
Do you think this horse backs up	
Normally?	☐
Abnormally?	☐

	Yes	No
If abnormal, is the horse's deficit more readily identified on this test?	☐	☐

I cannot evaluate this based on the video ☐

8 – Limb placement

Limb placement | **Choice**

Do you think this horse's limb placement is	LF	RF
Normal (please circle)?		

	LF	RF
Abnormal (please circle)?		

	Yes	No
If abnormal, is the horse's deficit more readily identified on this test?	☐	☐

I cannot evaluate this based on the video ☐

9 – Walk over obstacle

Walk over obstacle | **Choice**

	Choice
Do you think this horse's gait is (only <u>one</u> answer please)	
Normal?	☐
Abnormal?	☐

	Yes	No
If Abnormal, is the horse's gait deficit more readily identified on this test?	☐	☐
Does the horse make mistakes?	☐	☐
If making mistakes, do the mistakes suggest neurological compromise?	☐	☐

If making mistakes, please circle the limb(s) in which you have detected a deficit	LF	RF
	LH	RH

I cannot evaluate this based on the video ☐

10 – Cutaneus trunci reflex

Please **circle for LEFT SIDE**	Decreased or absent	Normal	Increased
Please **circle for RIGHT SIDE**	Decreased or absent	Normal	Increased

I cannot evaluate this based on the video ☐

11 – Cervicofacial reflex

Please **circle for LEFT SIDE**	Decreased or absent	Normal	Increased
Please **circle for RIGHT SIDE**	Decreased or absent	Normal	Increased

I cannot evaluate this based on the video ☐

12 – Hopping (thoracic limbs only)

Hopping		Choice	
Is this: Normal? Abnormal?		☐ ☐	
		Yes	**No**
Does the horse excessively shift weight onto the pelvic limbs when hopping?		☐	☐
Does the horse stumble or have difficulty when hopping?		☐	☐
If abnormal, is the horse's deficit more readily identified on this test?		☐	☐
If abnormal, is the problem asymmetric?		☐	☐
If asymmetric, which limb did the horse have most difficulty hopping on? (Please circle)		LF	RF

I cannot evaluate this based on the video ☐

13 – Slope: Walk up and down

Slope: Walk up and down		Choice	
Do you think this horse's gait is (only <u>one</u> answer please) Normal? Abnormal?		☐ ☐	
		Yes	**No**
If abnormal, is the horse's gait deficit more readily identified on this test?		☐	☐
Does the horse make foot placement mistakes (toe dragging, knuckling, stumbling)		☐	☐
Is the horse paretic?		☐	☐
Is the horse ataxic?		☐	☐
Is the horse hypermetric?		☐	☐
Is the horse both ataxic and hypermetric (ie. Dysmetric)?		☐	☐

I cannot evaluate this based on the video ☐

14 – Slope: Walk up and down with head elevated

Slope: Walk up and down	Choice
Do you think this horse's gait is (only <u>one</u> answer please)	
Normal?	☐
Abnormal?	☐

	Yes	No
If abnormal, is the horse's gait deficit more readily identified on this test?	☐	☐
Does the horse make foot placement mistakes (toe dragging, knuckling, stumbling)	☐	☐
Is the horse paretic?	☐	☐
Is the horse ataxic?	☐	☐
Is the horse hypermetric?	☐	☐
Is the horse both ataxic and hypermetric (ie. Dysmetric)?	☐	☐

I cannot evaluate this based on the video   ☐

15 – Across all clinical gait evaluation tests

Overall opinion	Choice
Do you think this horse is (only <u>one</u> answer please)	
Lame?	☐
Neurologic?	☐
Lame AND Neurologic?	☐
Normal?	☐
Don't know	☐
If **lame and neurological**, do you think?	
The horse is likely to have <u>two separate problems</u> (ie. the lameness is due to a separate orthopaedic problem)	☐
The lameness and neurological signs are caused by the <u>same problem</u>	☐
I don't know	☐

Please grade for each limb:

	LF	RF	LH	RH
Lameness 0-10				
Ataxia 0-5				
Paresis 0-5				

Please grade overall (**musculoskeletal**):

0	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Sound										Non Weight Bearing

Please grade overall (**neurological**), Ataxia scale

0	1	2	3	4	5
No gait deficits	No deficits identified at the walk.	Deficits noted at the walk	Marked deficits noted at the walk	Severe deficits noted at the walk.	Recumbent
	Deficits only identified during further testing			May fall or nearly fall at normal gaits	

I cannot evaluate this based on the video   ☐

Other general comments: