

Spinal kinematics in horses with induced back pain

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Supplementary Table 1

The pain reaction on palpation of the left and right *M. longissimus dorsi* on five occasions during the week following injections.

Key: Empty box = no pain demonstrated. The pain reaction on palpation, as well as the thickness (in mm) and diameter (Ø) (in cm) at the site of injection are also given.

1 hour post-injection			
Horse	Palpation		
	<i>M. longissimus dorsi</i>		Injection Spots - thickness and diameter
	Left	Right	
1	T15-L2 moderate pain L2-L6 mild pain		Nr 1: moderate Nr 2, 4, 6: mild
2	T13-T16 mild pain T16-L4 moderate pain		
3	T15-T18 moderate pain		Nr 1: mild Nr 4, 5: moderate
4			
5			
6	T15-L3 moderate pain		
7			
8			

1 day post-injection			
Horse	Palpation		
	<i>M. longissimus dorsi</i>		Injection Spots - thickness and diameter
	Left	Right	
1	T13-T15 mild pain		Nr 1-6: 2-3 mm Nr 1-3: Ø: 3 cm Nr 4, 6: Ø: 2 cm Nr 5: Ø: 1 cm
2	T14-T18 mild pain		Nr 1: only palpable Nr 2-4: 3 mm, Ø: 2 cm Nr 5: Ø: 5 mm Nr 6: 6 mm, Ø: 5 cm
3	<i>Not examined</i>	<i>Not examined</i>	All spots: <5 mm Nr 5: largest, Ø: 3 cm
4	<i>Not examined</i>	<i>Not examined</i>	Nr 1-3: <5 mm

			Nr 4-6: 6-8 mm, Ø: 5 cm each
5	T13-T18 mild pain		Nr 1-4: 3 mm, Ø: 1 cm Nr 5-6: 2 mm, Ø: 5 mm
6	T13-T18 mild pain		Nr 1: 3 mm, Ø: 2 cm Nr 2-3: 5 mm, Ø: 2 cm Nr 4-5: 2 mm, Ø: 1 cm Nr 6: vague
7	<i>Not examined</i>	<i>Not examined</i>	Nr 1-6: 2-3 mm
8	<i>Not examined</i>	<i>Not examined</i>	Nr 1-3: 5 mm Nr 4-6: 8 mm

2 days post-injection			
Horse	Palpation		
	<i>M. longissimus dorsi</i>		Injection Spots - thickness and diameter
	Left	Right	
1	T13-T18 moderate pain		Nr 1, 4: 3 mm, Ø: 3 cm Nr 2: 5 mm, Ø: 4 cm Nr 3: no remark Nr 5: 3 mm, Ø: 1 cm Nr 6: 2 mm, Ø: 2 cm
2	T13-T18 mild to moderate pain		Nr 1: no remark Nr 2: 2 mm, Ø: 2 cm Nr 3-5: vague Nr 6: 5 mm, Ø: 6 cm
3	T10-L1 mild pain		Nr 1-2, 4, 6: 2-3 mm, Ø: 2 cm Nr 3, 5: 5 mm, Ø: 5 cm
4	T13-T18 mild pain		Nr 1-2: 5 mm Nr 3-6: > 1 cm, Ø: 10 cm each
5	T13-T17 mild pain		Nr 1-2, 4-5: 1 mm, Ø: 5 mm Nr 3: 2 mm, Ø: 1 cm Nr 6: only palpable
6	T13-T18 mild pain		Nr 1-3: 3 mm, Ø: 2 cm Nr 4-6: only palpable
7	T10-L3 mild pain		Nr 1, 3: barely visible Nr 2, 4-6: 3 mm, Ø: 4 cm
8	T11-L4 mild pain		Nr 1-2: 5 mm, Ø: 6 cm Nr 3: vague Nr 4-6: 1 cm, Ø: 10 cm

3 days post-injection			
Horse	Palpation		
	<i>M. longissimus dorsi</i>		Injection Spots - thickness and diameter
	Left	Right	
1	T16-L2 moderate pain		Nr 1, 4: 2 mm, Ø: 3 cm
2			Nr 2: 5 mm, Ø: 3 cm Nr 3: no remark Nr 5-6: only palpable
3			Nr 1, 3-5: no remarks Nr 2: 1 mm, Ø: 2 cm Nr 6: 3 mm, Ø: 5 cm
4	T13-T18 mild pain T18-L1 moderate pain		Nr 1-2: Ø: 5 mm Nr 3, 5: 5 mm, Ø: 6 cm Nr 4, 6: Ø: 2 mm
5			Nr 1-3: 6 mm Nr 4-5: 8 mm Nr 6: 5 mm, Ø: 10 cm
6	T13-T15 mild pain L6-S1 mild pain	T18-L1 mild pain	Nr 1-2: barely visible Nr 3: 2 mm, Ø: 1 cm Nr 4-6: only palpable
7	T13-L2 mild pain		Nr 1-3: 2 mm, Ø: 5-10 mm Nr 4-6: only palpable
8	L3 mild pain		Nr 1, 3: palpable Nr 2, 4-5: 3 mm, Ø: 4 cm Nr 6: 1 mm, Ø: 1 cm
			Nr 1, 3, 6: vague Nr 2: 3 mm, Ø: 5 cm Nr 4-5: 8 mm, Ø: 8 cm

7 days post-injection			
Horse	Palpation		
	<i>M. longissimus dorsi</i>		Injection Spots - thickness and diameter
	Left	Right	
1	T12-T14 moderate pain		Nr 1-2: 1 mm, Ø: 2 cm Nr 3-6: no remarks
2			Nr 1, 3-5: no remark Nr 2, 6: only palpable
3			Nr 1-4, 6: only palpable Nr 5: 3 mm, Ø: 1 cm
4			Nr 1-2, 4-6: only palpable Nr 3: no remark
5			Nr 1-4: only palpable Nr 5-6: no remarks
6			Nr 1-3, 5: only palpable Nr 4, 6: no remarks
7			Nr 1-3, 5-6: only palpable Nr 4: 3 mm, Ø: 5 mm
8			Nr 1-6: barely palpable