

VCOT 04/2009: P. Jones et al.: Limited surgical approach for pastern arthrodesis
Online Supplementary Table 1: Subject details

	Gender	Age (year)	Breed	Limb affected	Use of horse pre-op	Use of horse post-op	Surgical procedure	Pre-op lameness AAEP**	Post-op lameness AAEP**	Time to follow up (months)	Severity of OA S = severe M = moderate C = subchondral bone cyst J = collapse of joint space	Days in cast	Days in hospital
Horse 1	Female	7	Quarter Horse	Right forelimb	Roping	Sold due to chronic lameness	3 screw technique	4	4	84	S, J	13	17
Horse 2	Female	5	Quarter Horse	Right forelimb	Ranch work/Trail riding	Trail riding	2 screw technique	4	1	71	S, J	14	20
Horse 3	Female	16	Arab	Right forelimb	Show horse/ Pleasure riding	Retired: owner elects not to ride	2 screw technique	4	2	62	S	11	14
Horse 4	Female	17	Quarter Horse	Left forelimb	Ranch work	Retired: owner elects not to ride	2 screw technique	4	0	34	M	13	21
Horse 5	Male	16	Warm-Blood	Right forelimb	Teaching, pasture	Teaching	3 hole DCP with 2 screws	4	3*	24	S, J	13	15
Horse 5	Male	16	Warm-Blood	Left forelimb	Teaching, pasture	Teaching	3 hole DCP with 2 screws	4	3*	18	S, J	9	27
Horse 6	Female	6	Quarter Horse	Right hindlimb	Pleasure riding	Pleasure riding	4 hole DCP with 2 screws	4	2*	23	S, C	20	21
Horse 7	Female	3	Warm-Blood	Right hindlimb	Hunter	Hunter	3 hole DCP with 2 screws	3	0*	23	M, C	21	23
Horse 8	Female	12	Quarter Horse	Right hindlimb	Roping	Roping	3 hole DCP with 2 screws	4	2*	15	S	11	19
Horse 9	Female	12	Quarter Horse	Right hindlimb	Ranch work	Pleasure riding	3 hole DCP with 2 screws	4	2*	13	S, J	11	19
Horse 10	Female	11	Rocky mountain horse	Right forelimb	Equine assisted activity-therapeutic	Equine assisted activity-therapeutic	3 hole DCP with 2 screws	4	3*	9	S	11	16
Horse 11	Male	22	Morgan	Left forelimb	Pleasure riding	Pleasure riding	3 hole DCP with 2 screws	4	2*	7	S	14	19

*denotes evaluation **AAEP lameness grading scale by veterinarian

0: Lameness not perceptible under any circumstances

1: Lameness is difficult to observe and is not consistently apparent, regardless of circumstances (e.g., weight carrying, circling, inclines, hard surfaces, etc.)

2: Lameness is difficult to observe at a walk or when trotting in a straight line but consistently apparent under certain circumstances (e.g., weight carrying, circling, inclines, hard surfaces, etc.)

3: Lameness is consistently observable at a trot under all circumstances

4: Lameness is obvious at a walk

5: Lameness produces minimal weight bearing in motion and/or at rest or a complete inability to move

DCP = Dynamic compression plate