

Supplementary article data

Costs analysis and comparison of usefulness of acute MRI and 2 weeks of cast immobilization for clinically suspected scaphoid fractures

Torbjørn H BERGH^{1,2}, Knut STEEN^{1,3}, Tommy LINDAU^{2,4}, Lars Atle SOLDAL¹, Soosaipillai V BERNARDSHAW¹, Lene LUNDE⁵, Stein Atle LIE⁶, and Christina BRUDVIK^{1,2}

¹ Bergen Emergency Department; ² Department of Clinical Medicine, University of Bergen; ³ Uni Research Health, Bergen Norway; ⁴ The Pulvertaft Hand Centre, Kings Treatment Centre, Royal Derby Hospital, Derby, UK; ⁵ Haukeland University Hospital; ⁶ Department of Clinical Dentistry, University of Bergen, Bergen, Norway.

Correspondence: torbjorn.bergh@k1.uib.no

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Table 3. Healthcare provider resources and direct cost in NOK ^a in the 2 groups

Medical activities	Direct activity cost in NOK			Study results				p-value ^b
	Patients' co-payment	Public repayment	Unit price	MRI Group (n = 61) No. of activities	Costs	Control group (n = 63) No. of activities	Costs	
A&E consultation	307	245	552	153	84,456	160	88,320	0.8
Radiography	218	510	728	83	60,424	105	76,440	0.010
MRI	218	1,047	1,265	61	77,165	31	39,215	< 0.001
Plasters	50	129	179	41	7,339	81	14,499	< 0.001
Soft bandage	40	129	169	46	7,774	16	2,704	< 0.001
Hospital consultation	307	245	552	2	1,104	0	0	
Sum / Cost all medical activities					238,262		221,178	
Cost all medical activities per patient					3,906		3,511	0.08

^a In May 2010, 1 euro was equivalent to 7.9 NOK.
^b The p-value calculated based on t-test.

Table 5. Days of sick leave and indirect costs in patients in paid work

	MRI group (n = 45)			Control group (n = 46)			Difference of mean (CI)	p-value ^a
	n	Days (mean)	Indirect cost euros	n	Days (mean)	Indirect cost euros		
No. of patients on sick leave	35			38				
No. of paid workers	45	13.6		46	16.8		3.2 (-2.6 to 9.0)	0.3
Sick leave for workers								
without any fractures	28	6.8		37	15.0		8.2 (3.2-13.2)	0.002
without scaphoid fractures	39	12.4		44	16.7		4.3 (-1.3 to 10.0)	0.1
Mean indirect cost for workers								
without fractures ^b	28		1,643	37		3,625		0.002
Total indirect cost (mean) for paid workers ^b	45		147,404 (3,276)	46		186,550 (4,055)		0.3

^a t-test
^b Average daily salary: 242 euros.