

Supplementary Material

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Table i. Comparison of mean hip radiological measurements based on initial diagnosis in those who completed nonoperative treatment.

Measure, mean (SD; range)	Normal	Dysplastic	Subluxable	Subluxated	Dislocated	p-value
2 years						
Right	n = 39	n = 11	n = 62	n = 39	n = 30	
AI-L	22.372 (4.302; 13.5 to 31.1)	24.027 (4.544; 16.4 to 29.8)	22.698 (3.890; 11.2 to 32.1)	22.595 (4.156; 13.6 to 31.0)	21.333 (3.556; 15.8 to 29.0)	0.371
AI-S	24.977 (4.452; 13.5 to 31.1)	26.573 (3.129; 20.8 to 33.7)	24.468 (3.653; 16.0 to 32.1)	23.379 (3.784; 14.4 to 31.0)	23.970 (3.149; 16.8 to 29.0)	0.102
Left	n = 19	n = 9	n = 54	n = 46	n = 53	
AI-L	22.426 (4.018; 15.4 to 31.8)	23.622 (3.266; 17.6 to 26.5)	21.646 (3.446; 13.8 to 30.6)	22.452 (4.175; 13.3 to 30.6)	21.966 (4.258; 13.1 to 30.0)	0.632
AI-S	25.521 (2.393; 21.7 to 31.8)	24.756 (3.075; 18.3 to 27.5)	24.378 (3.840; 14.9 to 34.6)	23.937 (4.281; 13.3 to 31.7)	25.164 (4.195; 15.2 to 33.5)	0.459
5 years	n = 41	n = 11	n = 63	n = 40	n = 31	
Right						
AI-L	15.124 (3.084; 9.6 to 22.0)	16.464 (4.973; 8.2 to 28.3)	14.851 (3.099; 7.0 to 24.0)	14.650 (3.622; 8.2 to 23.4)	14.274 (3.932; 8.0 to 26.7)	0.467
AI-S	15.520 (3.255; 9.6 to 22.6)	16.664 (5.023; 8.2 to 28.8)	15.397 (3.459; 7.0 to 24.0)	14.825 (3.803; 8.2 to 24.4)	15.016 (4.512; 8.0 to 27.8)	0.661

CEA	25.039 (3.904; 20.0 to 37.0)	23.455 (6.578; 11.0 to 35.0)	25.360 (4.687; 17.0 to 40.0)	24.278 (4.083; 12.0 to 34.0)	25.832 (3.953; 16.1 to 32.2)	0.417
ADR	27.859 (2.370; 23.1 to 32.8)	26.2263 (3.895; 22.1 to 33.8)	27.046 (2.463; 22.5 to 34.3)	27.413 (2.487; 23.1 to 34.0)	27.010 (2.994; 18.6 to 34.4)	0.347
Left	n = 19	n = 9	n = 56	n = 48	n = 54	
AI-L	14.153 (3.258; 8.4 to 19.5)	16.056 (3.115; 11.3 to 20.7)	13.555 (3.284; 8.4 to 23.6)	14.046 (3.921; 7.8 to 21.0)	14.515 (3.984; 8.6 to 26.6)	0.347
AI-S	14.247 (3.348; 8.4 to 20.0)	16.456 (3.892; 11.3 to 21.0)	13.991 (3.376; 8.4 to 23.6)	14.310 (3.876; 7.8 to 22.0)	14.570 (4.063; 8.6 to 26.6)	0.621
CEA	26.811 (4.241; 21.0 to 35.0)	24.533 (2.970; 20.0 to 30.0)	26.025 (4.996; 16.0 to 43.0)	26.365 (4.446; 16.0 to 38.0)	26.306 (4.210; 16.8 to 36.6)	0.776
ADR	27.426 (2.124; 22.5 to 32.0)	26.956 (1.827; 25.0 to 30.8)	27.614 (2.764; 22.5 to 34.0)	26.890 (2.666; 21.1 to 33.7)	26.946 (2.643; 18.3 to 32.9)	0.590

Mean age at two-year follow up: 25.628 months (18 to 37, SD 2.846).

Mean age at five-year follow up: 63.054 months (49 to 83; SD 5.929).

ADR, acetabular depth ratio; AI-L, acetabular index-lateral edge; AI-S, acetabular index-sourcil; CEA, centre-edge angle; SD, standard deviation.