

TABLE E-1 Demographic Data

	Bryan Cervical Disc Cohort	Arthrodesis (Control) Cohort
N	21	25
Age (<i>yr</i>)	40.0	43.3
Weight (<i>lb</i>)	177.0 (80.5 kg)	187.8 (85.4 kg)
Male sex (%)	61.9	65.4
Workers' Compensation (%)	4.8	0.0
Litigation (%)	0.0	0.0
Alcohol (%)	5.0	3.8

TABLE E-2 Ossification Frequency by Group and Follow-Up Time Point

	Reader 1		Reader 2		Reader 3	
	N	Percent	N	Percent	N	Percent
Arthroplasty group						
Baseline assessment						
Valid						
None	17	81.0	17	81.0	17	81.0
Mild; <50% of disc	2	9.5	1	4.8	2	9.5
>50% but not touching	0	0	1	4.8	0	0
Total	19	90.5	19	90.5	19	90.5
Missing	2	9.5	2	9.5	2	9.5
Total	21	100.0	21	100.0	21	100.0
2-year assessment						
None	16	76.2	15	71.4	16	76.2
Mild; <50% of disc	3	14.3	5	23.8	4	19.0
>50% but not touching	2	9.5	1	4.8	1	4.8
Total	21	100.0	21	100.0	21	100.0
Final assessment						
Valid						
None	10	47.6	10	47.6	11	52.4
Mild; <50% of disc	4	19.0	6	28.6	6	28.6
>50% but not touching	5	23.8	3	14.3	2	9.5
Past next end plate	1	4.8	1	4.8	1	4.8
Total	20	95.2	20	95.2	20	95.2
Missing	1	4.8	1	4.8	1	4.8
Total	21	100.0	21	100.0	21	100.0
ACDF* group						
Baseline assessment						
Valid						
None	18	72.0	17	68.0	16	64.0
Mild; <50% of disc	4	16.0	4	16.0	5	20.0
>50% but not touching	0	0.0	1	4.0	1	4.0
Total	22	88.0	22	88.0	22	88.0
Missing	3	12.0	3	12.0	3	12.0
Total	25	100.0	25	100.0	25	100.0
2-year assessment						
Valid						
None	10	40.0	9	36.0	9	36.0
Mild; <50% of disc	7	28.0	8	32.0	9	36.0
>50% but not touching	6	24.0	4	16.0	5	20.0
Past next end plate	2	8.0	4	16.0	2	8.0
Total	25	100.0	25	100.0	25	100.0
Final assessment						

Valid						
None	3	12.0	4	16.0	5	20.0
Mild; <50% of disc	8	32.0	5	20.0	7	28.0
>50% but not touching	3	12.0	7	28.0	6	24.0
Past next end plate	8	32.0	6	24.0	4	16.0
Total	22	88.0	22	88.0	22	88.0
Missing	3	12.0	3	12.0	3	12.0
Total	25	100.0	25	100.0	25	100.0

*ACDF = anterior cervical discectomy and fusion.