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Appendix

Table 1. Composition of Direct Cost Components

Cost Metric Title	Corresponding Components
Orthopedist Costs	<ul style="list-style-type: none"> • Surgeon's fees (Operative) • Office Visit fees (Both) • Closed-Reduction fees (Both)
Anesthesiologist Costs	<ul style="list-style-type: none"> • Anesthesiologist fees (Operative)
OR Facility Costs	<ul style="list-style-type: none"> • OR facility fees (Operative) • Recovery room fees (Operative)
Implant Costs	<ul style="list-style-type: none"> • Plate, Screw, Suture fees (Operative)
ER Physician Costs	<ul style="list-style-type: none"> • ER physician fees (Both)
ER Facility Costs	<ul style="list-style-type: none"> • Any fees related to ER visit other than imaging (Both)
Imaging Costs	<ul style="list-style-type: none"> • Radiologist fees (Both) • Imaging facility fees (Both)
Nursing Costs	<ul style="list-style-type: none"> • Nursing fees incurred in hospital admission (Both) • Inpatient bed fees (Both) • Any subsequent fees incurred in hospital at a time patient was not in the OR or recovery room (Operative)

Physical Therapy Costs

- Physical Therapist fees (Both)
- Physical therapy facility fees (Both)

(Operative) indicates cost was borne only by operative patients and includes both the primary fixation procedure as well as any implant removal procedures; (Both), cost was borne by both operative and non-operative patients; OR, operating room; ER, emergency room

Table 2. Cost Metrics Stratified by Treatment and Logarithmically Transformed

Parameter	Operative n=37	Non-Operative n=23	P	Combined n=60
Direct Costs				
Orthopedist Costs	3.38 ± 0.29 6.8%	3.05 ± 0.24 7.5%	<i>0.008*</i>	3.28 ± 0.65 (0-3.91) 6.9%
Anesthesiologist Costs	3.05 ± 0.42 3.2%	0	-	2.84 ± 1.47 (0-5500) 2.5%
OR Facility Costs	3.92 ± 0.17 23.3%	0	-	3.71 ± 1.92 (0-4.37) 18.5%
Implant Costs	3.92 ± 0.54 5.0%	0	-	3.03 ± 1.49 (0-4.35) 3.9%
ER Physician Costs	2.38 ± 0.18 0.7%	2.42 ± 0.20 1.8%	<i>0.40</i>	2.40 ± 0.19 (1.64-2.77) 1.0%
ER Facility Costs	2.86 ± 0.23 2.1%	2.72 ± 0.25 3.5%	<i>0.25</i>	2.81 ± 2.49 (2.05-3.51) 2.4%
Imaging Costs	3.02 ± 0.26 2.9%	2.85 ± 0.20 4.8%	<i>0.009*</i>	2.96 ± 0.24 (2.24-3.38) 3.3%
Nursing Costs	3.80 ± 0.17 17.8%	0	-	3.59 ± 1.87 (0-4.01) 14.1%
Physical Therapy Costs	3.32 ± 0.14 5.8%	3.00 ± 0.13 6.7%	<i>0.009*</i>	3.22 ± 1.71 (0-3.69) 6.1%
Total Direct Costs	4.38 ± 0.14 67.6%	3.56 ± 0.18 24.3%	<i>0.001*</i>	4.21 ± 0.44 (3.24-4.71) 58.7%
Indirect Costs				

Lost Income	4.01 ± 2.01 28.6%	3.97 ± 1.88 63.3%	0.85	3.99 ± 1.95 (0-4.79) 35.8%
Transportation	2.83 ± 1.40 1.9%	2.83 ± 1.46 4.6%	0.90	2.83 ± 1.41 (0-3.81) 2.5%
Household Chores	2.58 ± 1.34 1.1%	2.81 ± 1.37 4.4%	0.46	2.68 ± 1.34 (0-3.86) 1.7%
Self-Care	2.46 ± 1.31 0.8%	2.70 ± 1.37 3.4%	0.43	2.57 ± 1.32 (0-3.79) 1.3%
Total Indirect Costs	3.35 ± 1.34 32.4%	3.45 ± 1.23 75.7%	0.95	3.39 ± 1.29 (2.70-4.81) 41.3%
Total Costs	4.55 ± 0.19	4.17 ± 0.40	0.001*	4.31 ± 0.38 (1.89-80,732)

Averages of every component include subjects with a value equal to zero. Data are presented as logarithmically transformed mean ± standard deviation, proportion of total cost. Values in () indicate range.

ER, Emergency Room; *, $P < 0.05$.

Table 3. Indirect Cost Metrics of Employed Subjects Stratified by Labor Requirements

Parameter	Manual Labor Position?		<i>P</i>	Required to be Standing?		<i>P</i>
	Yes n=6	No n=33		Yes n=20	No n=19	
Indirect Cost Total (\$)	19,882 ± 21,950	15,499 ± 15,079	0.55	15,661 ± 13,902	16,714 ± 18,409	0.84
Time to Return to Work (Weeks)	16.3 ± 5.5	10.4 ± 11.2	0.09	12.1 ± 7.7	10.4 ± 13.1	0.63
Time for Indirect Costs to Cease (Weeks)	21.7 ± 5.3	18.1 ± 19.5	0.38	20.8 ± 18.8	16.4 ± 17.6	0.46

Data are presented as mean ± standard deviation.

Table 4. Indirect Cost Metrics Stratified by Employment

Parameter	Employed n=39	Not Employed n=21	<i>P</i>	Combined n=60
Indirect Costs				
Lost Income	15,154 ± 15,243 46.5%	-	-	-
Transportation	566 ± 1,140 1.7%	894 ± 1,396 4.9%	0.33	680 ± 1,234 (0-6440) 2.5%
Household Chores	267 ± 941 0.8%	880 ± 1,778 4.9%	0.09	482 ± 1,315 (0-7,310) 1.7%
Self-Care	187 ± 492 0.6%	714 ± 1,519 3.9%	0.05	371 ± 1,001 (0-6,150) 1.3%
Total Indirect Costs	16,174 ± 16,045 49.6%	2,488 ± 4,456 13.7%	0.001*	11,383 ± 14,693 (0-64,651) 41.3%
Total Costs	32,603 ± 21,040	18,122 ± 9,994	0.004*	27,534 ± 19,170 (1,727-80,732)

Data are presented as mean ± standard deviation, proportion of total cost. Values in () indicate range.

*, *P*<0.05.