COPYRIGHT © BY THE JOURNAL OF BONE AND JOINT SURGERY, INCORPORATED SELLES ET AL. COST ANALYSIS OF VOLAR PLATE FIXATION VERSUS PLASTER CAST IMMOBILIZATION FOR INTRA-ARTICULAR DISTAL RADIAL FRACTURES http://dx.doi.org/10.2106/JBJS.20.01345 Page 1

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	Unit costs (\$)	Source
Initial and additional treatment		
Volar plate fixation	1964	HL
Plaster cast immobilization	244	HL
Corrective osteotomy	1904	HL
Wrist arthroscopy	1584	HL
Implant removal	185	HL
Tendon release	576	HL
Carpal tunnel release	402	HL
Diagnostic imaging		HL
Radiograph wrist	62	HL
Ultrasound wrist with injection	612	HL
CT-scan wrist	164	HL
MRI- scan wrist	261	HL
Electromyography (EMG)	136	HL
Bone densitometry (DEXA)	42	HL
Outpatient and inpatient care		
Emergency department (ED) visits	297	DGUCH
Outpatient clinic appointment	83	DGUCH
Outpatient plaster room appointment	45	HL
Surgical ward general admission	463	DGUCH
Surgical ward day admission	315	DGUCH
Primary and personal care		
General practitioner consultation	38	DGUCH
Physiotherapist consultation	38	DGUCH
Occupational therapist consultation	38	DGUCH
Company doctor consultation	170	OS
Alternative medicine consultation	38	DGUCH
Household service	23	DGUCH
Personal care	57	DGUCH
Out of pocket expenses		
Travel costs per km	0.21	DGUCH
Parking fee		
HL: Hospital Ledger Academic and Non-academic hospital; DGUCH Dutch Guideline on Unit		
Costing in Healthcare; OS: other source		

**Appendix 1: Unit costs for resources used**