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Appendix 1. In accordance with Dutch Guidelines, fracture reduction was considered acceptable with the following conditions:

- Radial inclination ≥15°
- Loss of radial height <5mm
- Dorsal angulation ≤15°
- Palmar angulation ≤20°

Appendix 2. Unit costs for resources used		
	Unit costs ($)	**Source**
Initial procedure and additional treatment		
Plaster immobilization	234	HL
Open reduction and volar plate fixation	1882	HL
Corrective osteotomy	1825	HL
Pseudoarthrosis	2425	HL
Wrist arthroscopy	1518	HL
Implant removal	178	HL
Tendon transfer	887	HL
Tendon release	552	HL
Pulley release	439	HL
Carpal tunnel release	385	HL
Plaster or splint application	25	HL
Diagnostic imaging		
Radiograph of wrist	59	HL
Radiograph chest	60	HL
CT-scan of wrist	157	HL
Ultrasound wrist	122	HL
Ultrasound wrist with injection	586	HL
Duplex ultrasound	201	HL
Electromyography (EMG)	130	HL
Bone densitometry (DXA)	40	HL
Outpatient and inpatient care		
Outpatient clinic appointment	80	DGUCH
Plaster room appointment	43	HL
ED consultation	284	DGUCH
Hospital admission	444	DGUCH

Primary and personal care		
GP consultation	36	DGUCH
Physiotherapist consultation	36	DGUCH
Occupational therapist consultation	36	DGUCH
Company doctor consultation	163	OS
Alternative medicine consultation	36	DGUCH
Household service	22	DGUCH
Personal care	55	DGUCH
District nurse visit	80	DGUCH
Rehabilitation center admission	103	OS
Out of pocket expenses		
Travel costs per km	0.21	DGUCH
Parking fee	3.26	DGUCH

ED: Emergency Department; GP: general practitioner; DGUCH: Dutch Guideline on Unit Costing in Healthcare; HL: Hospital Ledger Academic and Non-academic hospital; OS: other source

Appendix 3. Sensitivity analysis with varying unit costs*

	20% decrease in costs			**20% increase of costs**		
	Volar plate fixation	Plaster immobilization	Difference	Volar plate fixation	Plaster immobilization	Difference
Costs (U.S. $)	4074 (3681 to 4749)	4313 (3485 to 5541)	-239 (-1504 to 819)	6111 (5521 to 7138)	6470 (5228 to 8312)	-358 (-2256 to 1229)
QALY	0.76 (0.69 to 0.83)	0.60 (0.51 to 0.67)	0.16† (0.07 to 0.27)	0.76 (0.69 to 0.83)	0.60 (0.51 to 0.67)	0.16† (0.07 to 0.27)
ICER (U.S. $)			-358 (-2256 to 1229)			-2206 (-15124 to 1174)

*The values are given as the mean and the bias-corrected and accelerated 95% CI. † Significant.
QALY: quality adjusted life years; ICER: incremental cost-effectiveness ratio.