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Appendix 1: Dutch guidelines for acceptable closed reduction and exclusion criteria
Acceptable closed reduction was defined by a radial inclination $\geq 15^{0}$, radial height $\geq 5 \mathrm{~mm}$ compared to the ulna, dorsal angulation $\leq 15^{\circ}$, palmar angulation $\leq 20^{\circ}$, and gap or step-off $<2$ $\mathrm{mm}^{2}$. Patients with open distal radius fractures or other fractures of the affected extremity, with a fracture of the contralateral wrist, with impaired wrist function prior to trauma, and multi-trauma patients (Injury Severity Score $\geq 16$ ) were excluded. Patients unable to understand the study information and informed consent forms, as judged by the treating physician, were also excluded.

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Appendix 2: Patient characteristics of eligible patients, but who declined to participate

| Patient characteristics | $\mathrm{N}(\%)$ |
| :--- | :--- |
| Age, median $[\mathrm{IQR}]$ | $62[50-69]$ |
| Gender |  |
| Female | $80(83)$ |
| Male | $16(17)$ |
| Treatment | $90(94)$ |
| Conservative | $24 / 90(27)$ |
| $\quad$ Subsequent surgery | $6(6)$ |
| Operative |  |

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Appendix 3: Radiological parameters, mean with 95\% CI






