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## Perspectives on outcome following hand and wrist injury in non-osteoporotic patients

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# PERSPECTIVES ON OUTCOME FOLLOWING HAND AND WRIST INJURY IN NON-OSTEOPOROTIC PATIENTS

The prevalence of posttraumatic arthritis in non-osteoporotic patients following a distal radius fracture is high and progresses over time

*This thesis*

Residual articular incongruity following distal radius fractures is associated with the development of posttraumatic arthritis and diminished range of motion and should therefore be treated with anatomical reduction and stable fixation in young patients

*This thesis*

It is better to sustain a distal radius fracture than a perilunate (fracture) dislocation

*This thesis*

The clinical relevance of patient reported outcomes following hand and wrist injuries in non-osteoporotic patients needs to be determined by calculating minimal important change

*This thesis*

Patients who sustains a distal radius fracture should be evaluated with a 'lean' core set of clinician and patient reported outcomes including measurements of flexion/extension, ulnar/radial deviation and either the DASH or PRWE questionnaire

*This thesis*

The PROMIS® Physical Function – Upper Extremity version 2.0 item bank is a promising tool to evaluate outcome following hand and wrist injuries

*This thesis*

A dedicated multidisciplinary team including trauma surgeons, orthopaedic surgeons, plastic surgeons, rehabilitation physicians, radiologists and hand therapists is mandatory to ensure the best possible outcome following hand and wrist injuries

*This thesis*

Voor een traumapatiënt is de generalistische rol van de traumachirurg van levensbelang

Uitkomst na een traumatisch letsel wordt voor een groot deel bepaald door de levensinstelling van de patiënt

He who loves practice without theory is like the sailor who boards ship without a rudder and compass and never knows where he may cast

*Leonardo da Vinci*

Hoe meer je fietst, des te meer wind tegen

*Rinus Lameijer*