

## Appendix 2: missing outcomes

Numbers represent amount of patients (% of total study group)

**Table 3.** Missing outcomes for usage characteristics of patients with hand osteoarthritis by category of referral (n=538).

	Any therapeutic care usage (n=445, 84%)	No therapeutic care usage (n=93, 16%)	Total cohort (n=538, 100%)
Diagnostic or therapeutic referral	10 (2%)	1 (1%)	11 (2%)
Referring medical professional	3 (1%)	1 (0%)	4 (1%)

Patients were referred to the Rheumatology outpatient clinic of the Leiden University Medical Center and included in the Hand OsteoArthritis Secondary Care (HOSTAS) cohort.

**Table 4.** Missing outcomes for the characteristics of the HOSTAS study population (n=538)

General patient characteristics	
Age, years	0 (0%)
Sex, women	0 (0%)
BMI, kg/m <sup>2</sup>	15 (3%)
Living with a partner	0 (0%)
Education, high	6 (1%)
Paid work	11 (2%)
Hand-specific characteristics	
Fulfilling ACR hand OA criteria	0 (0%)
Erosive hand OA	4 (1%)
Symptom duration, years	38 (7%)
AUSCAN hand pain	15 (3%)
AUSCAN hand function	15 (3%)
Tender joint count	0 (0%)
KL summated score	4 (1%)
General burden	
Any comorbidity present	0 (0%)
Amount of comorbidities	0 (0%)
Fulfilling ACR hip osteoarthritis criteria	12 (2%)
Fulfilling ACR knee osteoarthritis criteria	12 (2%)

Abbreviations: BMI = Body Mass Index, ACR = American College of Rheumatology, OA = osteoarthritis, AUSCAN = Australian Canadian Osteoarthritis Hand Index, KL = Kellgren Lawrence. HOSTAS = Hand OSTeoArthritis in Secondary care cohort

**Table 5.** Missing outcomes for usage of treatment modalities for joint complaints for patients with hand osteoarthritis in the HOSTAS cohort (n=538)

Usage of injections in hand	10 (2%)
In thumb base	10 (2%)
In fingers	10 (2%)

Abbreviations: HOSTAS = Hand OSTeoArthritis in Secondary care cohort

**Table 6.** Patient characteristics of the HOSTAS cohort by treatment usage (n=538)

	<b>Any therapeutic care usage (n=445, 84%)</b>	<b>No therapeutic care usage (n=93, 16%)</b>
Age	0 (0%)	0 (0%)
BMI	7 (2%)	8 (9%)
Any comorbidities	0 (0%)	0 (0%)
Symptom duration	26 (6%)	12 (14%)
Erosive hand OA	4 (1%)	0 (0%)
ACR hip and/or knee OA	0 (0%)	0 (0%)
AUSCAN hand pain	15 (3%)	0 (0%)
AUSCAN hand function	14 (3%)	1 (1%)
KL summated score	3 (1%)	1 (0%)

Abbreviations: SD = standard deviation, BMI = Body Mass Index, OA = osteoarthritis, ACR = American College of Rheumatology, HOSTAS = Hand OSTeoArthritis in Secondary care cohort