

**Supplementary table 2. Details of joints per patient with repair.**

Patient nr.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Repair site 1 <sup>□</sup>	SCL	MTP1L	STRL	RSR	IPPR	MCP2R	MCP2DL	MTP5PR	STRR	MTP4R	MCP2PL	IPPL	MCP2R	MTP5L	MTP4PL	MTP1PL	MCP2L
Repair time point <sup>#</sup>	1	6	3	2	3	1	4	5	1	5	4	1	4	5	2	5	3
Repair type	JSN	JSN	JSN	JSN	ERO	JSN	ERO	ERO	JSN	JSN	ERO	ERO	JSN	JSN	ERO	ERO	JSN
Local SHS	0	0	1.5	0	0	1.25	0	2.25	0	1	1.25	0	0	1	0.25	0	0
Local SHS (previous*)	0.75	0.75	2	1.25	0.75	2.5	0.75	2.75	1.5	2.25	2.5	0.75	0.5	2.75	0.75	1.25	2
Total SHS	4.5	0.5	9.75	5	0.75	17.75	70.75	230.75	1	23.75	31	0	9.25	20.75	18.25	2	0
Total SHS (previous*)	5.25	1.25	9.5	6.25	2.75	19.25	54.75	219	2.5	22.75	28.25	0.75	9.5	24.5	19.5	6.25	2
Local clinical evaluation**	NE	NE	T	N	N	N	N	N	N	T	N	N	N	N	N	N	NE
Repair site 2	-	-	-	RSL	-	-	-	-	-	MTP5R	-	-	-	MTP5R	-	-	-
Repair time point <sup>#</sup>	-	-	-	3	-	-	-	-	-	5	-	-	-	5	-	-	-
Repair type	-	-	-	JSN	-	-	-	-	-	JSN	-	-	-	JSN	-	-	-
Local SHS	-	-	-	0.5	-	-	-	-	-	0	-	-	-	1.25	-	-	-
Local SHS (previous*)	-	-	-	1.5	-	-	-	-	-	1.75	-	-	-	3.25	-	-	-
Total SHS	-	-	-	4.25	-	-	-	-	-	23.75	-	-	-	20.75	-	-	-
Total SHS (previous*)	-	-	-	5	-	-	-	-	-	22.75	-	-	-	24.5	-	-	-
Local clinical evaluation**	-	-	-	N	-	-	-	-	-	N	-	-	-	N	-	-	-
DAS (time point repair site 1)	-	-	3.86	0.74	3.22	2.45	1.94	3.32	3.15	2.96	0.47	1.27	1.92	1.78	1.64	1.12	-
Mean DAS <sup>‡</sup>	2.98	1.13	3.39	1.30	2.38	3.14	2.06	3.59	2.90	2.63	2.05	1.10	2.31	2.56	2.06	1.76	1.23

DAS: Disease Activity Score, ERO: erosion repair, IPP: proximal part of first interphalangeal joint in the foot, JSN: repair of joint space narrowing, MCP: metacarpophalangeal, MTP: metatarsophalangeal,

N: normal clinical evaluation, NE: not evaluated, T: tenderness on clinical evaluation, RS: radioscaphoid, SC: scaphocapitate, SHS: Sharp/van der Heijde score, STR: scaphotrapezial

□: Additional D or P in joints with erosion repair: distal or proximal part of the joint, Additional L or R: left or right joint.

#: time point of repair, in years after randomisation

\*\* local clinical evaluation: presence of joint swelling and/or joint tenderness

\* previous: at the time point before repair

‡ mean DAS: mean of DAS measurements from month 3 to time of repair