

Table 1.

Patient demographics and follow up data.

Case No.	Side/Type	Gender	Age (months)	Graft length (mm)	4th MTPJ harvested	Dorsal Rotational flap	Associated anomalies	Follow up time (months)	Pinch force(kg)	Kapandji score	Complications
1	right/IV	F	38	36	yes	yes	N/A	68	1	6	N/A
2	left/IV	M	29	38	no	yes	RCH	48	0.5	6	N/A
3	right/IIIB	F	23	20	no	yes	N/A	63	0.8	8	N/A
4	right/IV	M	16	28	no	yes	N/A	39	0.4	5	non-union
5	right/IIIB	F	15	25	no	yes	N/A	39	1	7	N/A
6	left/IIIB	M	29	20	no	yes	N/A	37	0.5	7	N/A
7	left/ IIIB	M	30	28	no	no	N/A	40	1.2	8	N/A
8	left/IV	M	27	36	yes	yes	N/A	34	1.5	6	N/A
9	right/IV	F	17	25	no	yes	N/A	55	1	6	N/A
10	left/IV	F	22	31	no	yes	N/A	50	1.2	7	non-union
	left/IIIB	M	29	28	no	yes	N/A	54	1	7	N/A
11	right/IV	F	17	24	no	yes	N/A	51	1.6	8	N/A
12	left/IIIB	M	27	28	no	yes	N/A	44	2	8	N/A
13	left/IV	F	27	30	no	yes	PRUS	42	0.5	6	N/A
14	right/IIIB	M	24	30	no	yes	N/A	39	0.5	8	N/A
15	right/IV	M	24	27	no	yes	N/A	39	0.4	5	N/A
16	right/IIIB	M	16	20	no	no	N/A	37	0.5	6	N/A

PRUS: Proximal radioulnar synostosis
RCH: Radial club hand
Nonunion: Nonunion between the metatarsal graft and thumb phalanx
N/A: Not applicable

Table 2.

Information of the 2nd stage reconstructive procedures and cosmetic procedures of all patients.

Case No.	2 nd stage reconstructive procedures					Cosmetic fat graft
	Opponensplasty	EIP-EPL transfer	Collateral reconstruction	1st web augmentation	1st MC osteotomy	
1	FDS 4	no	no	no	no	no
2	FDS 4	no	yes	no	no	no
3	FDS 4	yes	yes	no	no	yes
4	FDS 4	no	yes	Z-plasty	no	yes
5	FDS 4	no	yes	no	yes	no
6	FDS 4	no	yes	no	no	no
7	FDS 4	yes	yes	rotational flap	no	yes
8	FDS 4	yes	yes	no	no	yes
9(right)	FDS 4	no	yes	no	no	yes
9(left)	FDS 4	no	yes	no	no	yes
10	FDS 4	yes	yes	rotational flap	no	yes
11	FDS 4	no	no	Z-plasty	no	no
12	FDS 4	no	yes	no	no	yes
13	FDS 4	no	yes	rotational flap	no	no
14	FDS 4	no	yes	rotational flap	no	no
15	FDS 4	no	yes	rotational flap	no	yes
16	FDS 4	no	yes	Z-plasty	yes	no

FDS 4: Flexor digitorum superficialis of the ring finger

EIP: Extensor indicis proprius

EPL: Extensor pollicis longus

MC: Metacarpal

rotational flap: Rotational flap from the radial aspect of the index finger