

## Impairment with Hand Injury

Overview: Injury to the fingers results in impairment of both the hand and upper extremity. Injury may be in the form of amputation or in terms of percent function loss.

percent of total impairment to hand = (percent hand impairment due to thumb injury) + (percent hand impairment due to index finger injury) + (percent hand impairment due to middle finger injury) + (percent hand impairment due to ring finger injury) + (percent hand impairment due to little finger injury)

The percent of total impairment to upper extremity due to a hand injury is looked up in correlation table (below).

Percent impairment of finger and hand based on level of amputation involving fingers of hand (after Figure 3 page 3/18 AMA 1995)

finger	loss of distal IP	hand impair	loss of proximal IP	hand impair	loss at phalang-metacarp	hand impair
thumb	50%	20%			100%	40%
index	45%	9%	80%	16%	100%	20%
middle	45%	9%	80%	16%	100%	20%
ring	45%	5%	80%	8%	100%	10%
little	45%	5%	80%	8%	100%	10%

Percent impairment of the hand related to percent impairment of the fingers (Table 1 page 3/18 AMA 1995).

impairment thumb	impair hand	index/middle	impair hand	ring/little	impair hand
0-1	0	0-2	0	0-4	0
2-3	1	3-7	1	5-14	1
4-6	2	8-12	2	15-24	2
7-8	3	13-17	3	25-34	3
9-11	4	18-22	4	35-44	4
12-13	5	23-27	5	45-54	5
14-16	6	28-32	6	55-64	6
17-18	7	33-37	7	65-74	7
19-21	8	38-42	8	75-84	8
22-23	9	43-47	9	85-94	9
24-26	10	48-52	10	95-100	10
27-28	11	53-57	11		
29-31	12	58-62	12		

32-33	13	63-67	13		
34-36	14	68-72	14		
37-38	15	73-77	15		
39-41	16	78-82	16		
42-43	17	83-87	17		
44-46	18	88-92	18		
47-48	19	93-97	19		
49-51	20	98-100	20		
52-53	21				
54-56	22				
57-58	23				
59-61	24				
62-63	25				
64-66	26				
67-68	27				
69-71	28				
72-73	29				
74-76	30				
77-78	31				
79-81	32				
82-83	33				
84-86	34				
87-88	35				
89-91	36				
92-93	37				
94-96	38				
97-98	39				
99-100	40				

Percent impairment of the upper extremity related to percent impairment of the hand (Table 2 page 3/19 AMA 1995).

hand	upper extrem	hand	upper extrem	hand	upper extrem	hand	upper extrem
0	0	26	23	51	46	76	68
1	1	27	24	52	47	77	69
2	2	28	25	53	48	78	70

3	3	29	26	54	49	79	71
4	4	30	27	55	50	80	72
5	5	31	28	56	50	81	73
6	5	32	29	57	51	82	74
7	6	33	30	58	52	83	75
8	7	34	31	59	53	84	76
9	8	35	32	60	54	85	77
10	9	36	32	61	55	86	77
11	10	37	33	62	56	87	78
12	11	38	34	63	57	88	79
13	12	39	35	64	58	89	80
14	13	40	36	65	59	90	81
15	14	41	37	66	59	91	82
16	14	42	38	67	60	92	83
17	15	43	39	68	61	93	84
18	16	44	40	69	62	94	85
19	17	45	41	70	63	95	86
20	18	46	41	71	64	96	86
21	19	47	42	72	65	97	87
22	20	48	43	73	66	98	88
23	21	49	44	74	67	99	89
24	22	50	45	75	68	100	90
25	23						

References:

American Medical Association. Guides to the Evaluation of Permanent Impairment Fourth Edition. 1995. pages 3/18-3/19.