# Washington Claims School

Presented by Reinisch Wilson Weier PC June 14, 2017 March Lake Oswego, Oregon





## Impairment Rating - How to begin to know, what you don't know, about the AMA Guides, 5th Edition

Irene Suver President, Panel of Consultants

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### **MORE TRAINING**

- (The Best) Phil Walker
  <a href="http://philwalker.do/training/">http://philwalker.do/training/</a>
- Take our advanced course, AMA *Guides 5<sup>th</sup> Edition Practicum*
- ➤ IAIME (formerly AADEP) and SEAK (L&I sponsors courses in Washington they teach)
- Online training is available at Impairment.com <a href="http://www.impairment.com/online-">http://www.impairment.com/online-</a> <a href="mailto:training.html">training.html</a> they also have a resource called "impairment check" (this is cost-based service)
- Brigham & Associates
  <a href="https://www.cbrigham.com/">https://www.cbrigham.com/</a> (also a cost-based service)

and impairm Flexion  RD  RD  Pronation  Pronation  Adduction  Adduction	on or ankylosisent %  Extension  UD  RD/UD =  Extension  Supination	Ankylosis  Ankylosis  Ankylosis  Ankylosis	Imp %  Imp %  Imp %  Imp %  Imp %	Other Disorders List type & impairment %  Imp % = [2]	Regional impairment % •Combine [1]+[2]	Amputation  Mark level & impairment %	
Record motivand impairm Flexion  RD  RD  Pronation  Pronation  Adduction  Rd	con or ankylosis ent %  Extension  UD  RD/UD =  Extension  Supination  Pro/Sup =  Extension	Ankylosis  Ankylosis  Ankylosis  Ankylosis	Imp % [1] Imp % Imp %	List type & impairment %	Combine	Mark level &	
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Pronation  Pronation  Pronation  Pronation  Adduction	Pro/Sup = Extension	Ankylosis	[1]				
Pronation  Pronation  Pronation  Pronation  Adduction  Adduction	Pro/Sup = Extension	Ankylosis	[1]				
np % Flex/Ext + Flexion Adduction	Pro/Sup = Extension	Ankylosis	[1]				
pr % Flex/Ext + Flexion Adduction	Extension						
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on impairment	(other than d	ligits)					
impairment of	upper extrem	nity				* A- *	
e hand9	6 + wrist	% + elbov	w	% + shoulder	%)	-	
al nerve system	impairment					-	
l vascular syste	m impairmen	it					
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	e hand 9 Il nerve system I vascular syste	e hand % + wrist Il nerve system impairment Il vascular system impairmen orders (not included in regio	I nerve system impairment I vascular system impairment orders (not included in regional impairm	e hand% + wrist% + elbow il nerve system impairment I vascular system impairment orders (not included in regional impairment)	e hand% + wrist% + elbow% + shoulder  Il nerve system impairment  I vascular system impairment  orders (not included in regional impairment)	e hand% + wrist% + elbow% + shoulder%)  Il nerve system impairment  I vascular system impairment	e hand% + wrist% + elbow% + shoulder%) =  Il nerve system impairment =   Il vascular system impairment =   orders (not included in regional impairment) =

If both limbs are involved, calculate the whole person impairment for each on a separate chart and combine the percents (Combined Values Chart).

<sup>•</sup> Combined Values Chart (p. 604).

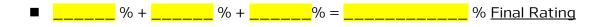
#### **SHOULDER**

SIDE	Best Measurement	Impairment Rating	Figure & Page Reference
Flexion	0	<u> </u>	Figure 16-40 Page 476
Extension	0	<u> </u>	Figure 16-40 Page 476
Adduction	0	<u></u> %	Figure 16-43 Page 477
Abduction	0	<u></u> %	Figure 16-43 Page 477
Internal Rotation	0	<u></u> %	Figure 16-46 Page 479
External Rotation	0	<u></u> %	Figure 16-46 Page 479

These impairments are added as follows:



Add the unit impairments as follows:



#### **ELBOW**

SIDE	Best Measurement	Impairment Rating	Figure & Page Reference
Flexion	0	%	Figure 16-34 Page 472
Extension	·	%	Figure 16-34 Page 472
Pronation	•	%	Figure 16-37 Page 474
Supination	0	%	Figure 16-37 Page 474

These impairments are added as follows:

- Flexion & Extension: \_\_\_\_\_%+\_\_\_\_% = \_\_\_\_\_%
- Pronation & Supination \_\_\_\_\_%+\_\_\_\_% = \_\_\_\_\_%

Add the unit impairments as follows:

#### **WRIST**

SIDE	Best Measurement	Impairment Rating	Figure & Page Reference
Flexion	•	%	Figure 16-28 Page 467
Extension	•	%	Figure 16-28 Page 467
Radial Deviation	0	%	Figure 16-31 Page 469
Ulnar Deviation	0	%	Figure 16-31 Page 469

Per the instructions in Chapter 16.4g, Wrist Motion Impairment: Flexion and Extension, page 467, these impairments are added, as follows:

Per the instructions in Chapter 16.4g, Wrist Motion Impairment: Radial and Ulnar Deviation, page 468, these impairments are added, as follows:

Per the instructions in Chapter 16.4g Wrist Motion Impairment, page 470, Determining Impairment Due to Abnormal Wrist Motion, page 470, the regional impairment of the upper extremity due to loss of wrist motion is obtained by adding the unit impairments as follows:

There is, therefore, a total of percent (%) permanent impairment of the upper extremity, per the AMA *Guides to the Evaluation of Permanent Impairment,* fifth edition, for loss of wrist range of motion.

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CC	upat	don						lagric	7515					
			Abnormal	Motion			Amputatio	-	Sensory Los		Other Diso	_	Hand Impairment%	1/1-
				tion or ankylos npairment %	is angles		Mark level & impairment		Mark type, le & impairmen		List type & impairmen		<ul> <li>Combine digit imp</li> <li>Convert to hand im</li> </ul>	
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2		10.045.05		Motion	Ankylosis	Imp %	1	[2]						
		Radial	Angle			1			1	1			Abnormal motion	[1]
V		abduction	Imp %				11						Amputation	[2]
	U		Cm									ı	Sensory loss	[3]
	Š	Adduction	Imp %				K1						Other disorders	[4]
			Cm				#IIF						Total digit imp %	
		Opposition	Imp %				*UE IMP % =	[5]					•Combine 1, 2, 3, 4	
		l digit impai	rmant 9/	CMC+MP+	ID -	[1]	Digit IMP % =	[2]	Digit IMP % =	[3]	Digit IMP % =	[4]	*Convert above	%
_	Add	digit impai	Flexion	Extension	Ankylosis	Imp %	11417 /0 =	_	HVIF 70 -		11417 70 -		*Convert above	
		Angle°	HEAIOH	Extension	Alikylosis	mip zu			- 6	_			Abnormal motion	[1]
ı	DIP	Imp %					13						Amputation	[2]
×		Angle°					W		-				Sensory loss	[3]
ndex	PIP	Imp %				:			0				Other disorders	[4]
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	MP	Imp %							1-7				•Combine 1, 2, 3, 4	
1	•Co	mbine digit	impairme	nt % MP, PIP,	DIP=	[1]	Digit IMP % =	[2]	Digit IMP % =	[3]	Digit IMP % =	[4]	Hand impairment *Convert above	%
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J	dia	Imp%							55				Amputation	[2]
Middle	PIP	Angle					A						Sensory loss	[3]
Ē	Б	Imp %					7		===				Other disorders	[4]
	MP	Angle					M						Total digit imp %	
	2	Imp %					(23)	/=1		fat	-1.0		•Combine 1, 2, 3, 4	-
	• Co	mbine digit	impairme	nt % MP, PI	P, DIP =	[1]	Digit IMP % =		Digit IMP % =	[3]	Digit IMP % =	[4]	Hand impairment *Convert above	%
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	DIP	Imp%							5=				Amputation	[2]
6		Angle°											Sensory loss	[3]
KING	PIP	Imp%							533				Other disorders	[4]
	۵	Angle°					1						Total digit imp %	
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	ם	Imp %					1						Amputation	[2]
ע		Angle°					1 17		25				Sensory loss	[3]
Little	PP	Imp%					(3)		3				Other disorders	[4]
	MP	Angle°							1.				Total digit imp % •Combine 1, 2, 3, 4	
						[1]	Digit	[2]	Digit	[3]		[4]	Hand impairment	%
		ombine digit	impairme	nt % MP, PIP	DIP =		IMP % =		IMP % =		IMP % =		*Convert above	

If hand region impairment is only impairment, convert upper extremity impairment to whole person impairments =

%

Combined Values Chart (p. 604).
 \*Use Table 16-1 (digits to hand).
Courtesy of G. de Groot Swanson, MD, Grand Rapids, Michigan.

## L&I AMPUTATIONS OF THE FINGERS, WRIST, HAND, ARMS AND SHOULDERS REQUIRED WORKSHEET

Use this page for finger amputations only
Use the next page for amputations of the wrist, arms, and shoulders

| Injured Worker's Name | Claim Number | Date |

#### Step 1: Your findings:

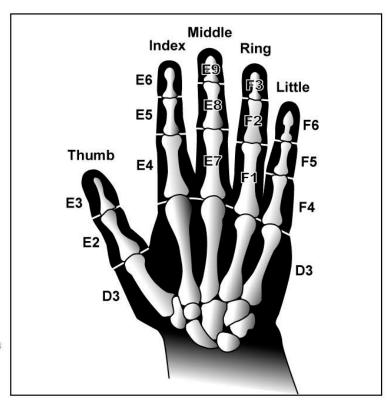
INSTRUCTIONS: Use if there has been complete amputation of part or all of the hand. If there are <u>no</u> amputations, <u>do not</u> use this form. For rating actual amputations, the law RCW 51.32.080 directs the doctor to indicate the level which best describes the worker's amputation.

If a worker has BOTH amputation AND additional loss of function to an extremity, two determinations need to be made: (1) Report the actual amputation, and (2) Rate additional impairments, such as loss of sensation or range of motion, using the Fifth Edition of the AMA Guides to the Evaluation of Permanent Impairment. Claim managers make administrative calculations, remaining amputation value, so impairments are not counted twice.

☐ Right ☐ Left

Use a pen to mark with a line precisely where the amputation(s) is/are located.....

If both extremities are affected, you must use a separate worksheet for each extremity. Comments on graphic only:



Step 2: Additional impairment due to loss of range of motion and/or sensation (you must use the AMA Guides, Fifth Edition for this portion of the worksheet):

	Per AMA Guides, the percent impairment due to loss of:	range of motion	sensation	Combined *	For Office Use Only
You must attach Figure	Thumb	%	%	%	E2
16-1a on pages 436-437 of	Index	%	%	%	E4
the AMA Guides, Fifth	Middle	%	%	%	E7
Edition to present your	Ring	%	%	%	FI
measurements and calculations.	Little	%	%	%	F4

<sup>\*</sup> Combined: In this column enter total impairment due to loss of range of motion and sensation, calculated for each digit by using the Combined Values Chart on pages 604-606 of the AMA Guides Fifth Edition.

Step 3: Other impairment: \_\_There is additional impairment not reflected on this worksheet. I am attaching an additional report with my findings and rationale for my impairment rating.

Step 4: Signature: I certify that I have examined the patient, and that the above report truly and correctly sets forth my findings and opinion.

opinion.			
Doctor's address		ZIP+4	Provider Number
Print Drs Name	Today's date	Doctor's signature	

## L&I AMPUTATIONS OF THE FINGERS, WRIST, HAND, ARMS AND SHOULDERS REQUIRED WORKSHEET

Use this page for amputations of the wrist, arms, and	Injured Worker's Name	
shoulders		
Use the previous page for finger amputations only	Claim Number	Date

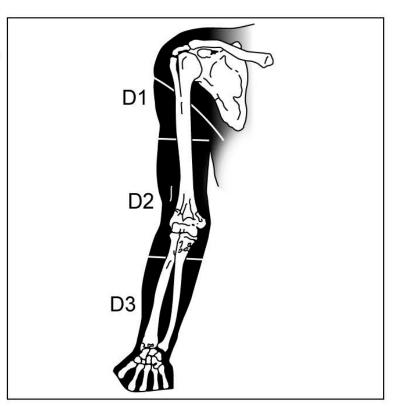
#### Step 1: Your findings:

INSTRUCTIONS: Use if there has been a complete amputation of part or all of the wrist, arm, or shoulders. If there are no amputations, do not use this form. For rating actual amputations, the law RCW 51.32.080 directs the doctor to indicate the level which best describes the worker's amputation. If a worker has BOTH amputation AND additional loss of function to an extremity, two determinations need to be made: (1) Report the actual amputation, and (2) Rate additional impairments, such as loss of sensation or range of motion, using the Fifth Edition of the AMA Guides to the Evaluation of Permanent Impairment. Claim managers make administrative calculations, remaining amputation value, so impairments are not counted twice.

☐ Right ☐ Left

Use a pen to mark with a line precisely where the amputation(s) is/are located.....

If both extremities are affected, you must use a separate worksheet for each extremity. Comments on graphic only:



Step 2: Additional impairment due to loss of range of motion and/or sensation (you must use the AMA Guides, Fifth Edition for this portion of the worksheet):

	Per AMA Guides, the percent impairment due to loss of:	range of motion	sensation	Combined *	For Office Use Only
You must attach Figure	Wrist	%	%	%	DI
16-1b on pages 436-437 of the AMA Guides, Fifth	Elbow	%	%	%	DI
Edition to present your	Shoul der	%	%	%	Dl
measurements and calculations.	All impairments in this section (ste	ep 2) must be expres	ssed as a percent	of the entire extremit	ty (D1)

<sup>\*</sup> Combined: In this column enter total impairment due to loss of range of motion and sensation, calculated for each digit by using the Combined Values Chart on pages 604-606 of the AMA Guides Fifth Edition.

Step 3: Other impairment: There is additional impairment not reflected on this worksheet. I am attaching an additional report with my findings and rationale for my impairment rating.

Step 4: Signature: I certify that I have examined the patient, and that the above report truly and correctly sets forth my findings and opinion.

Doctor's address			ZIP+4	Provider Number
Print Drs Name	Today's date	Doctor's	signature	

Guide to the Combination of Upper Extremity Impa

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	Synovial	Digital Lateral Deviation	Rotational Deformity	Subluxation Or Dislocation	Mediolateral Instability	Mediolateral Deviation	Carpal Instability	Decreased Joint Motion (ROM)	Arthroplasty	Musculo- Tendinous	Strength Evaluation	Shoulder Instability
Synovial Hypertrophy		9	2	9	NO	9 N	0	S N	ON	2	02	
Digital Lateral Deviation	9		2	ON N					NON		S S	
Rotational Deformity	OZ	S		NO					NO NO		2	
Subluxation or Dislocation	NO NO NO NO	OZ	OZ					9	NO NO		02	
Mediolateral Instability	ON								NO NO		OZ	
Mediolateral Deviation	ON								NO		S Z	
Carpal Instability	NO	NO NO	S	NO	0 N	OZ			NO	S	S Z	
Decreased Joint Motion (ROM)	NO			NO								
Arthroplasty		ON ON	ON	ON	NO	ON ON	OZ					S
Musculo- Tendinous								92				
Strength Evaluation		NO NO	2	9	9	OZ	NO NO	0				
Shoulder Instability	OZ			ON	NO NO	OZ			ON N	NO NO NO	ON	

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Table 17-2 Guide to the Appropriate Combination of E

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	Length Discrepancy	Derangement	Atrophy	Strength	Ankylosis	(DID)	Amputation	Based L Estimates	Loss	Peripheral Nerve Injury	S	Vascular
Limb		5					2					
Length Discrepancy												
Gait	2		(	2	3	(	0	(	(	(	(	(
Derangement	2		2	2		2	2	N N N N N N N N N N N N N N N N N N N	2	2	2	O Z
Muscle		2		2	2	2	2	2		2	See CRPS	
Atrophy		2			2	2	2			2	instructions	
Muscle		2	2		2			2		2	See CRPS	
Strength		2			2	2				2	instructions	
ROM		2	2	2		2						
Ankylosis		2	2	2		2		2				
Arthritis (DJD)		2	2	O <sub>Z</sub>	S S							
Amputation	02	2	9	2								
Diagnosis Based Estimates		OZ	ON ON	ON N	S S							
Skin		2										
Loss		2										
Peripheral		C	C	S							CZ	
Nerve Injury												
CRPS		0 2	0 N	See CRPS instructions	See CRPS instructions					9		9
Vascular		9									02	

NO – Do not use these methods together for evaluation a single impairment SEE CRPS INSTRUCTIONS – See Specific Instructions for CRPS of the lower extremity



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