

# Cervical Range of Motion

Patient, Sample [123456789]

May 10, 2002

Movement	Description	Range					
Cervical flexion	Calvarium ROM	45	45	45			
	T1 ROM	5	5	5			
	True cervical flexion angle ± 10% or 5°	40	40	40			
	Yes						
	Maximum true cervical flexion angle	40					
	% Impairment	2					
Cervical extension	Calvarium ROM	25	25	25			
	T1 ROM	5	5	5			
	True cervical extension angle ± 10% or 5°	20	20	20			
	Yes						
	Maximum true cervical extension angle	20					
	% Impairment	4					
Cervical ankylosis in flexion/extension	Position						
	% Impairment	(Excludes any impairment for abnormal flexion or extension motion)					
Cervical left lateral	Calvarium ROM	35	35	35			
	T1 ROM	3	3	3			
	True cervical left lateral angle ± 10% or 5°	32	32	32			
	Yes						
	Maximum true cervical left lateral angle	32					
	% Impairment	1					
Cervical right lateral	Calvarium ROM	30	30	30			
	T1 ROM	4	6	4			
	True cervical right lateral angle ± 10% or 5°	26	24	26			
	Yes						
	Maximum true cervical right lateral angle	26					
	% Impairment	2					
Cervical ankylosis in lateral bending	Position						
	% Impairment	(Excludes any impairment for abnormal lateral flexion or extension motion)					
Cervical left rotation	Cervical left rotation angle ± 10% or 5°	50	52	50			
	Yes						
	Maximum true left rotation angle	52					
	% Impairment	2					
Cervical right rotation	Cervical right rotation angle ± 10% or 5°	60	80	82	83		
	Yes						
	Maximum true right rotation angle	83					
	% Impairment	0					
Cervical ankylosis in rotation	Position						
	% Impairment	(Excludes any impairment for abnormal rotation)					
Total cervical range-of-motion and ankylosis* impairment = 11%							
Total cervical range of motion = % impairments of flexion + extension + left lateral bending + right lateral bending + left rotation + right rotation							













\* If ankylosis is present, combine the ankylosis impairment with the range-of-motion impairment (Combined Values Char, p. 604).

If ankylosis in several planes are present, combine the ankylosis estimates (Combined Values Chart), then combine the result with the range-of-motions impairment.

# Right Upper Extremity Evaluation Record (Hand)

Patient, Sample [123456789]


May 10, 2002

Abnormal Motion					Amputation	Sensory	Other	Hand Impairment%	
Record motion or ankylosis angles and digit impairment %					Mark Level & impairment %	Mark type, level, & impairment %	List type & impairment %	Combine digit imp % Convert to imp %	
		Flexion	Extension	Ankylosis	Imp %				
T H U M B	I P	Angle°							
		Imp %							
M P		Angle°							
		Imp %							
		Motion	Ankylosis	Imp %					
C M C	R a d i a l a b d u c t i o n	Angle°							[1] Abnormal Motion
		Imp %							[2] Amputation
	A d d u c t i o n	Cm							[3] Sensory loss
		Imp %							[4] Other disorders
O p p o s i t i o n	Cm				Total digit imp %				
	Imp %				Combine 1,2,3,4				
Add digit impairment % CMC + MP + IP =					IMP % =	IMP % =	IMP % =	Hand impairment %	0
I N D E X	D I P	Angle°							[1] Abnormal Motion
		Imp %							[2] Amputation
P I P		Angle°							[3] Sensory loss
		Imp %							[4] Other disorders
M P		Angle°							Total digit imp %
		Imp %							Combine 1,2,3,4
Combine digit impairment percent % MP,PIP,DIP =					IMP % = 50	IMP % =	IMP % =	Hand impairment %	10
M I D D L E	D I P	Angle°							[1] Abnormal Motion
		Imp %							[2] Amputation
P I P		Angle°							[3] Sensory loss
		Imp %							[4] Other disorders
M P		Angle°							Total digit imp %
		Imp %							Combine 1,2,3,4
Combine digit impairment percent % MP,PIP,DIP =					IMP % = 80	IMP % =	IMP % =	Hand impairment %	16
R I N G	D I P	Angle°							[1] Abnormal Motion
		Imp %							[2] Amputation
P I P		Angle°							[3] Sensory loss
		Imp %							[4] Other disorders
M P		Angle°							Total digit imp %
		Imp %							Combine 1,2,3,4
Combine digit impairment percent % MP,PIP,DIP =					IMP % =	IMP % =	IMP % =	Hand impairment %	0
L I T T L E	D I P	Angle°							[1] Abnormal Motion
		Imp %							[2] Amputation
P I P		Angle°							[3] Sensory loss
		Imp %							[4] Other disorders
M P		Angle°							Total digit imp %
		Imp %							Combine 1,2,3,4
Combine digit impairment percent % MP,PIP,DIP =					IMP % =	IMP % =	IMP % =	Hand impairment %	0
Total hand impairment: Add hand impairment % for thumb + index + middle + ring + little finger =								26 %	
Convert total hand impairment to upper extremity impairment =								23 %	
Convert upper extremity impairment to whole person impairment =								14 %	

# Right Upper Extremity Evaluation Record

Patient, Sample [123456789]

May 10, 2002

Abnormal Motion					Other Disorders	Regional Impairment %	Amputation
Record motion or ankylosis angles and impairment %					List type & impairment %	Combine [1] + [2]	Mark level & impairment %
W R I S T	Flexion	Extension	Ankylosis	Imp %	Radiocarpal Synovial Hypertrophy		
	Angle°						
	Imp %						
	RD	UD	Ankylosis	Imp %			
	Angle°						
	Imp %						
Add Imp% Flx/Ext + RD/UD =				[1]	IMP % = 8 [2]	IMP % = 8	
E L B O W	Flexion	Extension	Ankylosis	Imp %			
	Angle°						
	Imp %						
	Pronation	Supination	Ankylosis	Imp %			
	Angle°						
	Imp %						
Add Imp% Flx/Ext + Pro/Sup =				[1]	IMP % = [2]	IMP % = 0	
S H O U L D E R	Flexion	Extension	Ankylosis	Imp %			
	Angle°						
	Imp %						
	Adduction	Abduction	Ankylosis	Imp %			
	Angle°						
	Imp %						
Add Imp% Flx/Ext + Add/Abd + IR/ER =				[1]	IMP % = [2]	IMP % = 0	

I. Amputation impairment (other than digits)	=	0 %
II. Regional impairment of upper extremity (Combine hand [23%] + wrist [8%] + elbow [0%] + shoulder [0%])	=	29 %
III. Peripheral nerve system impairment	=	%
IV. Peripheral vascular system impairment	=	%
V. Other disorders (not included in regional impairment)	=	%
<b>Total upper extremity impairment (Combine I, II, III, IV, and V)</b>	=	<b>29 %</b>
<b>Impairment of the whole person (Use Table 16-3)</b>	=	<b>17 %</b>