

Upper Extremity Information Sheet

Upper Extremity Doctors - Wisconsin

Orthopedic Surgery – General (*evaluates all body parts*)

Balas, Mark MD*
Barron, Stephen MD*
Cederberg, Paul MD*
Fideler, Bradley MD*
Flesch, James MD*
Gegenheimer Alan MD*
Grossman, Thomas MD
Jacker, Michael MD*
Karr, Richard MD
Klemme, William MD
Krug, Alvin MD*
Liebert, Paul MD

Meincke-Reza, Jeffrey MD*
Noonan, J. Christopher MD*
O'Brien, Ellen MD
O'Brien, Thomas MD
Reineck, Michael MD*
Stiehl, James MD*
Xenos, John MD

Orthopedic Surgery – Upper & Lower Extremity Only

Bartlett, David MD* (*knee/shoulder/hip*)
Boyle, Austin MD*
Mejia, Etienne MD
Moe, Craig MD* (*no hand/spine*)

Mologne, Timothy MD
Saluja, Rajit MD
Shivaram, Mysore MD
Viehe, Thomas MD* (*foot/ankle, knee/shoulder*)

Orthopedic Surgery – Hand & Upper Extremity Only

Bax, John MD*
Call, William MD*
Cherney, Jon MD (*IME only*)
Foley, James MD* (*IME only*)
Gaenslen, Eric MD*
Grindel, Steven MD*
Siegert, John MD
Toivonen, David MD (*IME only*)

*Takes Personal Injury Cases

Normal Range of Motion for Upper Extremities

Shoulder Flexion	0-180
Shoulder Extension	0-60
Shoulder Abduction	0-180
Shoulder Adduction	180-0
Shoulder External Rotation	0-70
Shoulder Internal Rotation	0-70
Shoulder Horizontal Abduction	0-45
Shoulder Horizontal Adduction	0-135
MCP Flexion	0-90

Elbow Flexion	0-135
Elbow Extension	135-0
Supination	0-90
Pronation	0-90
Wrist Flexion	0-80
Wrist Extension	0-70
Radial Deviation	0-20
Ulnar Deviation	0-30
MCP Extension	90-0

Wisconsin Worker's Compensation Permanent Partial Disability Ratings

Shoulder

Ankylosis, optimum position, scapula free	55%
In mal position	Grade upward
Limitation of active elevation in flexion and abduction to 45° but otherwise normal	30%
Limitation of active elevation in flexion and abduction to 90° but otherwise normal	20%
Limitation of active elevation in flexion and abduction to 135° but otherwise normal	5%
Prosthesis	50%

Elbow

Ankylosis, optimum position, 45°, angle	
With radio-ulnar motion destroyed	60%
With radio-ulnar motion intact	45%
Rotational ankylosis in neutral position	20%
Any mal position	Grade upward
Limitation of motion elbow joint, radio-ulnar motion unaffected	
Remaining range - 180° - 135°	35%
Remaining range - 135° - 90°	20%
Remaining range - 180° - 90°	10%
Rotation at elbow joint	
Neutral to full pronation	10%
Neutral to full supination	15%

Wrist

Ankylosis, optimum position 30° dorsiflexion	30%
Mal position	Grade upward
Total loss dorsiflexion	12 1/2%
Total loss palmarflexion	7 1/2%

Total loss inversion	5%
Total loss eversion	5%

Complete Sensory Loss

Any digit	50% Lesser involvement to be graded appropriately - 35% for palmer, 15% for dorsal surface
Total median sensory loss to hand	65-75%
Total ulnar sensory loss to hand	25%
Ulnar nerve paralysis	
Above elbow, sensory involvement	50% at wrist
Below elbow, motor and sensory involvement	45-50% at wrist
Below elbow, motor involvement only	35-45% at wrist
Below elbow, sensory involvement only	5-10% at wrist
Median nerve paralysis	
Above elbow, motor and sensory involvement	55-65% at wrist
Thenar paralysis with sensory loss	40-50% at wrist
Radial nerve paralysis	
Complete loss of extension, elbow wrist and fingers	45-55% at shoulder
Complete loss of extension, wrist and fingers	45-55% at wrist
Peroneal nerve paralysis	
At level below knee	25-30% at kn