

Breakout Session PPD Calculations

Points to consider:

Is this a **scheduled or unscheduled** injury?

What is the **number of weeks** associated with the injured body part?

Does a **statutory minimum rating** apply to this injury / surgery?

Are there any **other elements of disability**?

Is there a **prior disability** to deduct?

Is there a **multiplier or stacking** that applies?

PPD weeks of payment = (# of weeks for body part) X (% disability rated by doctor)

PPD total payment = (PPD weeks of payment) X (PPD rate based on wage)

Monthly rate = (weekly rate) X 4.333

PPD Workshop Calculation Example Solutions

- #1. R rotator cuff surgical repair
Doctor rates 5%
- Scheduled injury
Shoulder = 500 weeks
No stat min, unless lost range of motion is documented
Which ranges of motion are considered for stat min shoulder ratings? F Flex and Abduct
- No added elements
Nothing to add or subtract
Doctors rating is good
 $5\% \times 500 \text{ weeks} = 25 \text{ weeks}$
- #2 L anterior cruciate ligament surgical repair
Doctor rates 10%
- Scheduled injury
Knee = 425 weeks
Stat min = 10%
No added elements
Nothing to add or subtract
Doctors rating is good
 $10\% \times 425 \text{ weeks} = 42.5 \text{ weeks}$
Send the operative report
- #3 Lumbar laminectomy and fusion at L4-5
Permanent lifting restrictions
Doctor rates 12%
- Unscheduled injury
Back (body as a whole) = 1000 weeks
Stat min = 10%
Other element of disability (lifting restrictions) present
Nothing to add or subtract
 $10\% \times 1000 \text{ weeks} = 100 \text{ weeks}$
Doctor rating is good $12\% \times 1000 \text{ weeks} = 120 \text{ weeks}$, which is greater than stat min
Send the operative report
- #4 20% loss of flexion at R index finger MCP joint and total loss of R index finger sensation
Doctor rates 50% at R index finger MCP joint
- Scheduled injury
Index finger = 12 weeks @ DIP, 30 weeks at PIP and 50 weeks at MCP joint
Stat min for lost motion = 10%, stat min for total loss of sensation = 50% at MCP
Is there a dominant hand multiplier? No, as no amputation or 100% loss of use
Nothing else to add or subtract
Doctors rating is low, and will be adjusted up by DWD WC to 60%
 $10\% \times 50 \text{ weeks} = 5 \text{ weeks}$, AND $50\% \times 50 \text{ weeks} = 25 \text{ weeks}$, Total = 30 weeks

- #5 Ankle sprain with 66% loss of L ankle dorsiflexion
Associated complex regional pain syndrome and weakness
Doctor rates 10% @ L ankle
- Scheduled injury
Ankle = 250 weeks
Stat min for total loss of dorsiflexion is 15%, and for 66% loss is 10%
Other elements of disability (complex regional pain syndrome and weakness) present
Nothing else to add or subtract
Doctor rating is low. It does not account for CRPS or weakness. DWD WC will write
 $10\% \times 250 \text{ weeks} = 25 \text{ weeks}$
- #6 Amputation above the right knee
Doctor rates 50% at R hip
- Scheduled injury
Stat min for amputation
Entire knee is gone = 425 weeks, Value of hip = 500 weeks
No other elements
Nothing to add or subtract
Doctor rating is low
 $425 + \frac{1}{2} \text{ or } 50\% \text{ of difference between } 425 \text{ and } 500 \text{ weeks} = \text{additional } 37.5 \text{ weeks}$
 $425 + 37.5 = 462.5 \text{ weeks}$
- #7 Post traumatic stress disorder (PTSD)
Doctor rates 2%
- Unscheduled injury
Mental disorders (body as a whole) = 1000 weeks
No stat min
No other elements
Nothing to add or subtract
Doctor rating is good
 $2\% \times 1000 \text{ weeks} = 20 \text{ weeks}$
- #8 R medial meniscectomy and R wrist injury (both with pain and weakness)
Doctor rates 10% at R knee and 2% at R wrist
- 2 scheduled injuries
Knee = 425 weeks, Wrist = 400 weeks
Stat min for meniscectomy = 5% (doctor rated more)
No stat min for wrist pain or weakness
No other elements
Doctor rating is good
Lesser injury multiplier
 $10\% \times 425 \text{ weeks} = 42.5 \text{ weeks}$
 $2\% \times 400 \text{ weeks} = 8 \text{ weeks}$
 $20\% \times 8 \text{ weeks} = 1.6 \text{ weeks}$
Total weeks = $42.5 + 8 + 1.6 = 52.1 \text{ weeks}$

#9 R medical meniscectomy and ACL repair surgery
Subsequent R total knee arthroplasty (attributed to original injury)
Doctor rates 65% at R knee

Scheduled injuries

Knee = 425 weeks

Stat min for meniscectomy = 5%, for ACL repair = 10%, for total knee = 50%

Ratings are "stacked" together (5 + 10 + 50 = 65)

No other elements

Doctor rating is good

$(5\% \times 425) + (10\% \times 425) + (50\% \times 425) = 21.25 + 42.5 + 212.5 = 276.25$ weeks

If 15% already paid, then remaining 50% = 212.5 weeks now need to be paid

What if a second total knee replacement surgery became necessary? 100%

What other procedures are stacked? Spine and joint replacement surgeries

What if the first knee replacement is attributed to a new, unrelated injury?

Prior 15% can then be deducted from the current value of the knee

IC must present documentation supporting prior rating and request deduction

$425 - 63.75 = 361.25$ weeks

then 50% applied to the remaining weeks

$50\% \times 361.25 = 180.625$ weeks

#10 Work exposure to Covid-19
Long hauler with residual breathing difficulties and loss of smell (anosmia)
Doctor rates 2% PTD

Unscheduled injuries

Body as a whole = 1000 weeks

Per 80.32(14) stat min for lost sense of smell = 2.5%

Doctor rating is too low

Not final rating for loss of smell $2.5\% \times 1000 = 25$ weeks

then letter asking doctor to rate disability (if any) for breathing difficulties

#11 Prior amputation of L thumb interphalangeal joint (R hand dominant)
New injury to L shoulder
Doctor rates 10% at L shoulder

Scheduled injuries

Thumb DIP joint = 50 weeks

Shoulder = 500 weeks

Stat min for prior amputation = 50 weeks

No other elements

Doctor rating is good, but weeks for thumb can be deducted from weeks for shoulder

Current value of shoulder: 500 weeks – 50 weeks = 450 weeks

10% X 450 weeks = 45 weeks

Pre-existing disability must be documented by IC

Pre-existing conditions (arthritis) are not disabilities, so will not be deducted

#12 Lumbar laminectomy at L4-5
Redo lumbar decompression and fusion at L4-5
Associated foot drop at L ankle requiring ankle foot orthosis
Doctor rates 12%

Unscheduled and scheduled injuries

Body as a whole = 1000 weeks

Stat min for spinal surgery: laminectomy/decompression 5% each, fusion 5% (15% total)

Stat min for foot drop: 25% (rated at knee)

Doctor rating is low: 25% @ knee, 25% x 425 weeks = 106.25 weeks,

1000 weeks – 106.25 weeks = 893.75 weeks

5% + 5% + 5% = 15%, 15% X 893.75 weeks = 134.1 weeks

Multiplier for lesser knee injury = 106.25 X 20% = 21.25

134.1 weeks + 106.25 weeks + 21.25 = 261.6 weeks

- #13a Amputations of dominant R index finger 50% of middle phalanx and R middle finger 50% of distal phalanx
Doctor rates 50% @ R index finger PIP joint, and 80% @ R middle finger DIP joint

Scheduled injuries

Index Finger DIP = 12 weeks, PIP = 30 weeks, and MCP = 50 weeks

Index ½ middle phalanx: 12 weeks (lost DIP) + ½ or 50% of 18 weeks for PIP = 9 weeks

Subtotal = 12 + 9 = 21 weeks

Stat min for amputation ½ of distal phalanx = 80%, 80% X 8 weeks (middle) = 6.4 weeks

Multiplier for lesser distal middle finger injury = 6.4 x 100% = additional 6.4 weeks

Subtotal = 21 + 6.4 + 6.4 = 33.8 weeks

Dominant hand multiplier = 25% (at least 100% at a joint, do not multiply multipliers!)

21 weeks X 25% = 5.25 weeks

Total = 33.8 weeks + 5.25 weeks = 39.05 weeks

No other elements

Doctor rating is not adequate. Amputations must be documented.

Pay stat min for amputations pending receipt of DWD worksheet with multipliers.

- #13b In addition to above amputations, 10 degrees of lost flexion at the index finger PIP joint, and 35 degrees of lost flexion + 7 degrees of lost extension at the middle finger DIP joint
Doctor rates 90% @ R index finger, and 100% at R middle finger DIP joint

Scheduled injuries

Index Finger DIP = 12 weeks, PIP = 30 weeks, and MCP = 50 weeks

Index ½ middle phalanx: 12 weeks (lost DIP) + ½ of 18 weeks for amp = 9 weeks

Lost motion at PIP + 5% of remaining 9 weeks and 20% multiplier for this lesser injury

Index Finger Subtotal = 12 + 9 + .45 + .09 = 21.54 weeks

Middle Finger Stat min for amp ½ of distal phalanx = 80% +

Lost motion at DIP (50% flex = 10% + 10% ext = 2%) = total 12%

Subtotal = (80% X 8 weeks) + (12% of remaining 1.6 weeks) = 6.4 + .19 = 6.59 weeks

Multiplier for lesser distal middle finger injury = 6.59 x 100% = additional 6.59 weeks

Subtotal = 21.54 + 6.59 + 6.59 = 34.72 weeks

Dominant hand multiplier = 25% (at least 100% at a joint, do not multiply multipliers!)

21 weeks X 25% = 5.25 weeks

Total = 34.72 weeks + 5.25 weeks = 39.97 weeks

No other elements

Doctor rating is good: (90% X 50 weeks) + (100% X 8 weeks) = 45 + 8 = 53

53 weeks is greater than stat min 39.97 weeks

Pay stat min for amputations pending receipt of DWD worksheet with multipliers.

See attached DWD worksheet with multipliers.