

Boxer's Fracture

Note: Exercises are to be performed after fracture is healed, with physician's approval.

Active Finger Flexion Exercises



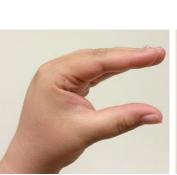
<u>1. DIP Blocking</u>
Hold involved finger at middle so that only tip can bend.
Repeat 8 – 10 times, 3 – 4 times per day.



 <u>2. PIP Blocking</u>
 Hold involved finger at base so that middle joint can bend.
 Repeat 8 – 10 times, 3 – 4 times per day



3. Straight



4. Salute



<u>5. Hook</u>



<u>6. Fist</u>

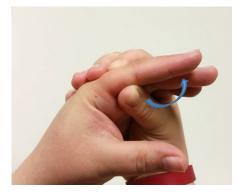


7. Straight Fist

Repeat 8 - 10 times, 3 - 4 times per day.



Active Finger Extension Exercises



1. Blocked PIP Extension

Holding involved finger with uninvolved hand, straighten finger fully, focusing on extension at middle joint – hold for a few seconds. Repeat 8 – 10 times, 3 – 4 times per day.



3. Finger Extension

With your hand and fingers resting on the table, lift all fingers up, while keeping your hand flat. Repeat 8 - 10 times, 3 - 4 times per day.



<u>2. Salute</u> Bend fingers at large joints as far as possible, keeping middle and distal joints straight, then return to starting position. Repeat 8 – 10 times, 3 – 4 times per day.



4. Individual Finger Extension

With your hand and fingers resting on the table, lift each finger individually, while keeping your hand flat.

Repeat 8 - 10 times, 3 - 4 times per day



Passive Finger Exercises



1. DIP Flexion

Use uninvolved hand to gently bend involved finger at distal joint. Hold 15 seconds. Repeat 8 - 10 times, 3 - 4 times per day.



3. PIP Flexion

Use uninvolved hand to bend the middle joint of involved finger down as far as tolerated. Hold 15 seconds. Repeat 8 - 10 times, 3 - 4 times per day.



2. DIP Extension

Use thumb of uninvolved hand on top of joint And two fingers underneath on either side to straighten the distal joint of the involved finger. Hold 15 seconds.

Repeat 8 - 10 times, 3 - 4 times per day.



4. PIP Extension

Use thumb of involved hand on top of joint and Two fingers underneath on either side to straighten middle joint of involved finger. Hold 15 seconds.

Repeat 8 - 10 times, 3 - 4 times per day.





5. MP Flexion

Use uninvolved hand to assist bending fingers at largest joints. Hold for 15 seconds. Repeat 8 - 10 times, 3 - 4 times per day.



7. MP Extension

Straighten joints of each finger using uninvolved hand. Hold 15 seconds.

Repeat 8 - 10 times, 3 - 4 times per day.



<u>9. PIP/DIP Composite Flexion</u> Use uninvolved hand to bend middle & tip joints of Involved finger. Hold 15 seconds. Repeat 8 – 10 times, 3 – 4 times per day.

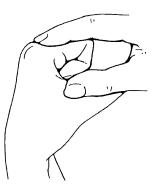


6. MP Flexion (alternate position)

Use uninvolved hand to gently bend involved finger at large joint. Hold 15 seconds. Repeat 8 – 10 times, 3 – 4 times per day.



<u>8. MP Extension (alternate position)</u>
Lift each finger off table using uninvolved hand.
Hold 15 seconds.
Repeat 8 – 10 times, 3 – 4 times per day.



<u>10. MP/PIP/DIP Composite Flexion</u>
Use uninvolved hand to bend involved finger at all three joints. Hold 15 seconds.
Repeat 8 – 10 times, 3 – 4 times per day.

Discontinue exercises and consult with a medical professional if any discomfort is experienced.



Finger Flexion - Passive Elasticized Wrap



1. Wrap coban around wrist to secure.



2. Wrap coban around wrist and up and over your index finger.



3. Continue the same technique over your middle finger.



4. Again, continue the same technique around your wrist and up over the ring finger.



5. Finish the wrap over your small finger and then place remaining roll on your thumb.

Focus on ring and small fingers. Hold stretch for 10 - 20 minutes or to your tolerance.

Avoid too tight of a wrap – you should feel a gentle stretch. Repeat 3 times per day.



Putty Exercises



<u>1. Grip</u>Squeeze putty with all fingers, into your fist.



<u>2. Tip Pinch</u>Squeeze putty between your index fingerand thumb.



<u>3. Three Jaw Pinch</u> Squeeze putty between your index, middle, and thumb.



<u>4. Lateral Pinch ("Turning a Key")</u>Squeeze putty between your thumb and the side of your index.

Repeat all exercises 6 – 8 times each, a minimum of 3 times per day. If the putty gets soft, keep in in the refrigerator.





5. Composite Flexion

Hold putty in palm with your thumb. Press thumb into putty, aiming for your palm.





<u>6. Thumb and Finger Extension</u>Place putty loop around tips of fingers and thumb.Stretch loop by extending fingers and thumb.



<u>7. Finger Abduction</u>Place putty loop around fingers.Stretch loop by separating fingers.

Repeat all exercises 6 - 8 times each, a minimum of 3 times per day. If the putty gets soft, keep in in the refrigerator.