Royal Brisbane and Women's Hospital

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Exercises after Burn Injury to your Wrist

After a burn injury to your wrist, your skin will tighten in an attempt to close and heal the wounds as quickly as possible. During this process it is common for skin contractures (tissue shortening) to develop. Your skin may become tight and this is likely to affect your ability to perform daily activities with your wrist and hand such as holding, carrying and manipulating objects.

The exercises provided will help to improve the strength of your wrist muscles and stretch the skin on your wrist. This will help prevent skin contractures, reduce skin tightness and restore full movement in your wrist. It is recommended that you perform these exercises regularly throughout the day - **Every hour is ideal but a minimum of 4 to 5 sessions throughout the day.**

□ Flexion	□ Extension	□ Supination
 Bend your wrist forwards and hold for 1 minute. If you need to help you can use your other hand to provide some assistance to get to full movement at the wrist 	 Bend your wrist backwards and hold for 1 minute. If you need to help you can use your other hand to provide some assistance to get to full movement at the wrist. 	 Sit with your arm by your side and palm facing downwards. Turn you palm upwards to the ceiling and hold for 1 minute. If you need help you can hold onto a bottle or hammer etc and let the weight of the object stretch your arm over until your palm is facing upwards
Do 10 times holding for 1 minute	Do 10 times holding for 1 minute	Do 10 times holding for 1 minute

□ Lateral Deviation	□ Weight Bearing Stretch			□ Wall Push Up		
1)	1)					
2)	2)					
 1) With hand flat on the table bend wrist towards the thumb side and hold for 1 minute. Now stretch wrist towards the little finger and hold for 1 minute. 2) Bend your thumb over to the base of your little finger and lock inside your fist. Now bend your wrist in the direction of your little finger and hold this stretch for 1 minute. 	 1) Place hands on the bed or table top with fingers facing forward. Lean forward and put weight through your hands to stretch your wrist and straighten your elbows. Hold for 1 minute 2) With palms of hands still on the table top, turn your arms around so that your wrists face forward and your fingers face backwards. Hold this position for 1 minute. 			Stand with your hands flat against the wall at shoulder level. Bend your elbows to let your head come close to the wall as if doing a mini push up. Now straighten your elbows out fully.		
		for i minute.				
Do 10 times holding for 1 minute	Do	10 times holding for 1 minute	Do :	3 sets of 10 repetitions		
Do 10 times holding for 1 minute ☐ 4 Point Kneeling Press Ups	Do			3 sets of 10 repetitions Prayer and Wrist Extension		
-		10 times holding for 1 minute		-		
-	\[\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	10 times holding for 1 minute	□ F	-		

☐ Lateral Deviation Strength	☐ Grip and Twist			
 Hold theraputty in both hands with one hand on top of the other. Now use the top hand to pull the putty upwards. Use the bottom hand to pull the putty downwards. Now swap hands and repeat. Do 10 times in each direction 	 Grip tightly onto a towel with both hands and twist as if wringing it out. Then twist back in the opposite direction. Do 10 times 			
□ Wrist Flexion (Palm up)	☐ Wrist Lateral Deviation			
2)	2)			
 1) Hold weight in hand over the edge of the table palm facing upwards. Bend wrist backward as far as possible and hold for 10 seconds. Now lift wrist forward as far as possible. 2) Hold hand palm up, wrap theraband around hand and hold it with your other hand below. Lift wrist up as far as possible and hold for 5 seconds. Do 3 sets of 10 repetitions 	 1) Rest side of your arm on the table. Hold weight in hand over the edge of the table. Bend wrist sideways over edge of table as far as possible and hold for 10 seconds. Now lift wrist up sideways as far as possible. 2) Arm by side with elbow straight, weight in your hand. Bend wrist sideways as far as possible and hold for 5 seconds. Do 3 sets of 10 repetitions 			
	Hold theraputty in both hands with one hand on top of the other. Now use the top hand to pull the putty upwards. Use the bottom hand to pull the putty downwards. Now swap hands and repeat. Do 10 times in each direction Wrist Flexion (Palm up) 1) 2) 1) Hold weight in hand over the edge of the table palm facing upwards. Bend wrist backward as far as possible and hold for 10 seconds. Now lift wrist forward as far as possible. 2) Hold hand palm up, wrap theraband around hand and hold it with your other hand below. Lift wrist up as far as possible and hold for 5 seconds.			

Keep score of how often you complete these exercises (Copy this page and use a new sheet every week)

Exercise	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Flexion							
Extension							
Supination							
Lateral Deviation							
Weight Bearing Stretch							
Wall Push Up							
4 Pt kneeling Press Ups							
Wall Wrist Extension							
Prayer / Wrist Extension							
Wrist Flexion Stretch							
Lateral Deviation Strength							
Grip and Twist							
Wrist Flexion							
Wrist Extension							
Wrist Lateral Deviation							