

HKU School of Clinical Medicine Department of Orthopaedics & Traumatology 香港大學矯形及創傷外科學系

## MINDFULNESS-BASED POST-OPERATIVE CHRONIC SHOULDER PAIN MANAGEMENT MODULE 4 GENTLE YOGA EXERCISES – STYLE 2 STATIC

## WHO FOR?

AFTER Rotator cuff tear repair surgery

- Postoperative persistent chronic pain
- Arm weakness and stiffness
- Discomfort when laying on side
- Dull ache and soreness around shoulders, neck and upper back
- Keen to try alternative options besides medication and physiotherapy

# LEVELS

L1 – FUNDAMENTAL

L2 - PROGRESSION

L3 - ADVANCING

# STYLES

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FLOW (SIMPLIFIED AND FULL)

STATIC



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## **STYLE 2: STATIC – SHOULDER SHRUGS, PLUGS AND HINGE**

### **STATIC - SHOULDER SHRUGS, PLUGS & HINGE**

#### BREATH

#### ACTION

- 1. Begin on sitting or standing
- 2. Rest your arms down alongside your body
- INhale 3. Lift the shoulders tightly up toward the ears scrunching tightly
  - 4. Hold the breath, bend your arms
- **EXhale** 5. Squeeze your shoulder blades together
  - 6. Roll the shoulders back and down with your palms facing up
  - 7. Repeat 5 times
- \*\* Continue with the following plugging actions if possible

#### **KEY POINTERS**

- Keep the shoulder heads in place with your upper back to facilitate the shrugging action
- 2. Keep your neck in a neutral position without dropping your chin in

#### CONTRAINDICATIONS/MODIFICATION

- 1. Perform the actions one side at a time
- 2. If doing one side separately, place the opposite hand on top of the shoulder head to stabilize the movements







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## **STATIC - SHOULDER SHRUGS, PLUGS & HINGE (CONTINUED)**

#### BREATH

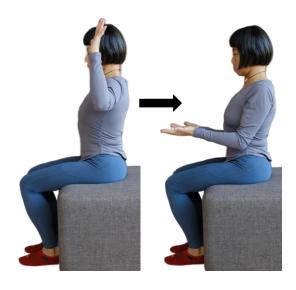
#### ACTION

- **KEY POINTERS**
- 1. Start in Cactus arms with your shoulders and elbows1. Keep the shoulder heads inin line with your chestplace with your upper back
- INhale 2. Push the arms slightly back and down to the sides, then squeeze the shoulder blades together, feeling that they are dropping down your back
- EXhale 3. Draw your elbows into the sides of your ribs
  4. Bring the forearms in front of you without moving your shoulder position. The palms should be facing up
  5. Flip the palms down without moving your shoulders or arm position. (Feel your shoulder blades snugly 'plugged in' on your back)
  - 4. Repeat 5 times

- Keep the shoulder heads in place with your upper back to facilitate the plugging action
- 2. Keep your neck in a neutral position without dropping your chin in

### CONTRAINDICATIONS/MODIFICATION

- 1. Perform the actions one side at a time
- 2. If doing one side separately, place the opposite hand on top of the shoulder head to stabilize the movements







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## **STATIC - SHOULDER SHRUGS, PLUGS & HINGE (CONTINUED)**

BREATH

#### ACTION

- **KEY POINTERS**
- 1. Begin with bending your arms and placing your fingers besides your head and temple, elbows on the sides levelled with your shoulders
- INhale2. Spread your shoulder blades, widen your<br/>collarbones and open your chest
- EXhale 3. Begin to draw the elbows together to the front as you wrap your hands inward. Keep your thumbs facing down
  - 4. Try to get your elbows to touch
  - 5. Repeat 5 times

- Make sure when you draw your elbows forward, they maintain at the height of your shoulders and chest evenly
- 2. Keep your neck in a neutral position without dropping your chin in

#### CONTRAINDICATIONS/MODIFICATION

 Perform the actions one side at a time
 If doing one side separately, place the opposite hand on top of the shoulder head to stabilize the movements



### BENEFITS: STRENGTHEN SHOULDER AND UPPER BACK MUSCLES; INCREASE MOBILITY OF SHOULDER GIRDLE; STABILIZE SHOULDER JOINTS; REACTIVATE THE SHOULDER COMPLEX WHICH MOVES THE SHOULDERS FORWARD AND BACKWARD





## **STYLE 2: STATIC – SHOULDER PIGEON**

### **STATIC - SHOULDER PIGEON**

#### BREATH

#### ACTION

- 1. Lie down on your belly with your legs extend back behind you
- 2. Reach your right arm out to the side in line with your right shoulder, left hand by the chest bone on the left. Turn your head to rest your right cheek on the floor
- INhale 3. Slowly roll onto your right shoulder by pressing your left hand to the floor
  - 4. At the same time, bend your left leg and set your left foot behind your right leg, knee pointing up

#### EXhale

- 5. Continue to push the floor away with your left hand so that the chest and front of the right shoulder can stretch further
- 6. Gaze forward
- **5-10** 7. To release, roll back to your belly. Repeat on the second

### breaths > side

### EXhale

#### BENEFITS: RELIEVES TIGHTNESS IN THE FRONT OF THE SHOULDERS AND CHEST; STRETCH NECK MUSCLES



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**KEY POINTERS** 

- 1. Keep the head on the floor, gazing straight ahead or chin slightly tucked in
- 2. 3.
- Use your top hand to leverage the turning of your chest and hips

#### CONTRAINDICATIONS/MODIFICATION

- 1. Place a towel under your under arm to cushion your cheek, shoulder, elbow and wrist
- 2. Lower the underarm down below shoulder height to reduce the intensity



3.

5



## STYLE 2: STATIC – SHOULDER STRETCH WITH BLOCKS AND STRAP

STATIC - SHOULDER STRETCHES WITH BLOCK AND STRAP			
BREATH	ACTION	KEY POINTERS	CONTRAINDICATIONS/MODIFICATION
Maintain even, steady breaths throughout	<ol> <li>Lie down on your back, place a block lengthwise underneath your shoulder blades</li> <li>Goal-post arms: elbows bent at 90°, hands down, palms up</li> <li>Engage the upper back by squeezing the armpits in towards the centre of the spine</li> </ol>	Firm in the back of the shoulders Maintain a subtle outward rotational motion at the shoulder girdle Plug the upper arm bones down towards the shoulder girdle by activating the upper back muscles	Tight shoulders and neck: Place another block under your head for extra support <u>Variation 1: Arms overhead with a</u> <u>strap or a block</u> Hold a strap or a block with your hands above your head 2. Straighten the arms fully overhead and reach towards the floor behind <u>Variation 2: Overhead with a strap</u> 1. Encircle a strap around the block that is underneath the shoulder blades, strap ends on either side of the head 2. Straighten the arms fully overhead and pull the strap tautly





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> 3. Increase the tension of the strap against the block by firming the shoulders and upper back

BENEFITS: RELIEVES TIGHTNESS IN THE FRONT OF THE SHOULDERS AND CHEST; STRETCH NECK MUSCLES



