# Sport©X ADVICE DESK POSTURE



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OTHER INFORMATION

## WHO IS SPORTEX CO-kinetic

We specialise in producing information for medical, health and exercise professionals on the subject of exercise, health and musculoskeletal injury. This includes subscription publications for practitioners and advice handouts for the public. All our material is written and reviewed by leading medical professionals. For more information visit www.co-kinetic.com or telephone +44 (0)845 652 1906.

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## neck, shoulders and trunk









## WHY STRETCH?

Due to our increasingly inactive and deskbound lifestyles resulting from our growing use of computers and labour saving devices such as cars, the incidence of postural problems has risen dramatically. Avoiding bad postural habits, particularly while sitting, is very important. Most back and neck problems occur due to weaknesses and imbalances in the muscles used to maintain the shape of your spine. These include your neck, back, shoulder and stomach muscles.

This leaflet includes a few stretches designed to keep your muscles flexible and in good balance with each other. It is a good idea to do three or four stretches every hour, particularly if you spend a lot of time sitting during your day. It is also important to make sure

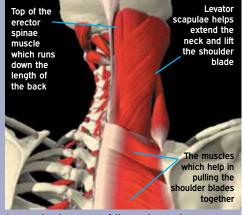


Image showing some of the neck muscles

that your chair, desk and computer are set up correctly so that you are not altering your posture to compensate for a bad position. If you think this may be the case, speak to your occupational health department, nurse or physical therapist at your place of work. They will help with advice and, where appropriate, equipment modifications.







## Advice handout

## YOUR REHABILITATION PROGRAMME

This programme has specific exercises to help stretch and strengthen muscles which may be weak. It is really important to ensure the exercises are performed with good technique and good postural control. Make sure you are pain-free at all times and take care not to progress too guickly. Where appropriate repeat the exercises on both sides. We have given suggested sets and repetitions, but everyone is different so your practitioner may give guidance that is more specific to you.

## STRETCHING EXERCISES

## **NECK ROTATION HALF CIRCLES**

Sit (or stand) up straight and without hunching your shoulders, drop your ear to your shoulder on one side. Then tilt your head forward and perform a gentle half circle so your opposite **REPS SETS** ear and shoulder come together. Do not tilt your head back at any point.



## heart rate to slow down gradually. **BACK AND STOMACH STRETCHES**

continued overleaf

#### SUPINE KNEES-TO-CHEST LOWER BACK STRETCH

Neck, shoulders and trunk

If muscles are tight, weak or injured, it is particularly important to warm up (unless

pace for 5 minutes before you start your exercises. This increases your circulation

exercises, end the session with a 5 minute gentle walk or slow jog to allow your

advised otherwise by your practitioner) with a fast walk or a gentle jog at a pain-free

and helps prepare the muscles for the activity to come. When you have finished your

MAKE SURE TO WARM UP AND COOL DOWN

Lie on your back on a bed or the floor. Bring one knee slowly into your chest, followed by the other knee and clasp your arms around the back of your thights. Hold for 10-15 seconds rocking in a gentle rhythm.

SETS	REPS
1	5



#### **NECK EXTENSION**

In a seated or standing position place the fingers of your hands on each side of your neck near the spine. Tilt your head backwards while at the same time applying a gentle **SETS REPS** pressure with your fingers in the opposite direction. At no point should you feel any pain.



## **LUMBAR ROTATION**

Lie on your back with your arms out at 90° and your knees bent with your feet flat on the floor. Gently let your knees roll to one side of your body as far as it's comfortable. Then **SETS** REPS return to the starting position and roll to the other side.



## RHOMBOIDS STRETCH

In a seated or standing position stretch your arms out in front of you with your palms facing outwards. Reach out as far as you can to feel a stretch between your shoulder blades. **RFPS** 

SETS Hold for 10 seconds. If you prefer, you can do this exercise one arm at a time.



## BACK EXTENSION/STOMACH STRETCH

Sitting on a seat preferably with a back support that comes midway down your back. Wrap your arms around your shoulders and then gently extend your back over the back of the chair. At no point should you feel pain.

SETS	REPS
1	10



#### CHEST STRETCH IN A DOORWAY

Standing sideways on to a doorframe with your arm bent to 90° and your palm placed against the door frame. Turn your body away from the frame so you feel a stretch in your chest. Hold for 10 seconds.

SETS	REPS
1	10



## FLEXION/THORACIC STRETCH

Sitting on a seat, again wrap your arms around your shoulders and lean forward as far as you can without pain, rounding your shoulders and back.

SETS	REPS
1	10