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Oslo Sports Trauma

### 1. Back extension

- ♦ 2–3 x 6–8 repetitions
- Purpose: To strengthen the lower back
- Lie over an exercise ball
- Place your hands behind your head and lift your upper body
- 2-3 x 6-8 repetitions

# 2. Squat

#### ♦ 3 x 8–16 repetitions

- Purpose: To develop good squat technique
- Keep your feet hip width apart
- Start the movement from the hip
- Keep your knees aligned with toes
- Sit down as if you are siting on a chair
  Keep your back straight
- 3 x 8-16 repetitions

#### 3. Forward lunges

- ♦ 3 x 8–16 repetitions
- Purpose: To improve hip and knee control
- Lunge forward
- Keep knees aligned over toes
- Maintain upper body upright
- 3 x 8-16 repetitions

# 4. Jumping lunges

#### ♦ 3 x 10 repetitions

#### • Lunge with jump

- Soft landings
- Keep knees aligned with toes
- 3 x 10 repetitions

## 5. Rotational strength

♦ 3 x 8–16 repetitions

- Purpose: To improve rotation strength
- Stand with your feet shoulder-width apart
- Keep your arms straight
- · Your partner resists while you rotate
- Take turns with your partner to rotate
- 3 x 8-16 repetitions

### 6. Short speed skating jump

♦ 3 x 8–16 repetitions

- Purpose: To improve hip and knee control
- · Jump sideways into deep knee flexion
- Keep knees aligned over your toes
- 3 x 8-16 repetitions

### 7. Side plank

♦ 3 x 30 seconds

- Purpose: To enhance pelvic and groin strength
- Rest on your elbow
- Lift up pelvic and the upper leg
- Hold pelvic stable
- 3 x 30 seconds

# 8. Side-lying groin strengthening

#### ♦ 3 x 8–16 repetitions

- $\cdot$   $\,$  Purpose: To strengthen the hip adductor muscles
- $\cdot$   $\,$  Lie on your side with your top leg bent forwards
- $\cdot$   $\;$  Lift the lower leg straight upwards and lower slowly
- Perform the exercise slowly
- $\cdot$   $\,$  Keep your foot horizontal throughout the exercise
- 3 x 8-16 repetitions

# 9. Nordic Hamstrings

♦ 3 x 6–8 repetitions

- Purpose: To strengthen the hamstrings muscles
- Kneel on a soft mat
- $\cdot$  Slowly fall forwards, keeping your upper body and hips straight
- Control the falling motion using your hamstrings
- $\cdot$   $\,$  Use your arms to push yourself back to the start position
- 3 x 6-8 repetitions



















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# 1. Wiper

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#### ♦ 3 x 8–16 repetitions

- Purpose: Increase trunk strength
- Hold on to partners legs
- Move legs slowly from side to side
- Keep the movement even and controlled
- . 3 x 8-16 repetitions

# 2. Single-leg squat

- ♦ As many as possible with good control
- Purpose: To strengthen quadricep and gluteal muscles and improve lower limb control
- As many repetitions as possible with good control
- Keep your knee aligned over your toes
- Slowly return to start position
- Avoid rotation and tilt of the hips
- As many as possible with good control

# 3. Forward lunges

- ♦ 3 x 8–16 repetitions
- Purpose: To improve hip and knee control
- Lunge forward
- Keep knees aligned over toes
- Maintain upper body upright 3 x 8-16 repetitions

# 4. Rotational strength

♦ 3 x 8–16 repetitions

- Purpose: To improve rotation strength .
- Stand with your feet shoulder-width apart
- Keep your arms straight
- Your partner resists while you rotate
- . Take turns with your partner to rotate
- 3 x 8-16 repetitions •

# 5. Copenhagen adductor short

#### ♦ 3 x 8–16 repetitions

Purpose: To strengthen the hip adductor muscles

- Partner holds you above the knee
- Keep your body stable, lower and lift the bottom leg
- Keep your body in a straight line
- Perform the exercise slowly
- 3 x 8-16 repetitions

## 6. Single-leg body tilt

♦ 3 x 8–16 repetitions

- Purpose: To improve trunk control and hamstring strength
- Balance on one leg, with your knee slightly bent
- Tilt your upper body forwards from the hip
- Keep your head, back and opposite leg in a straight line
- 3 x 8-16 repetitions •

# 7. Long speed skating jump

#### ♦ 3 x 8–16 repetitions

- Purpose: To improve hip and knee control
- Jump sideways into deep knee flexion
- Keep knees aligned over your toes
- Gradually increase the jump distance
- . 3 x 8-16 repetitions

## 8. Nordic Hamstrings

#### ♦ 3 x 3–5 repetitions

- Purpose: To strengthen the hamstrings muscles .
- Kneel on a soft mat
- Slowly fall forwards, keeping your upper body and hips straight
- Control the falling motion using your hamstrings .
- Use your arms to push yourself back to the start position
- 3 x 3-5 repetitions





















# 1. Squat +

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#### ♦ 3 x 8–16 repetitions

- Purpose: To improve hip and knee control
- Stand on bosu
- Keep feet hip-width apart
- · Start the movement from the hip
- Keep knees aligned with toes
- $\cdot$   $\,$  Sit down as if you are siting on a chair, keeping your upper body straight
- 3 x 8-16 repetitions

### 2. Single-leg squat

♦ As many as possible with good control

- Purpose: To strengthen quadricep and gluteal muscles and improve lower limb control
- $\cdot$   $\,$  As many repetitions as possible with good control
- Keep your knee aligned over your toes
- Slowly return to start position
- Avoid rotation and tilt of the hips
  As many as possible with good control

# 3. Squat challenge +

#### ♦ 3 x 8–16 repetitions

- Purpose: To improve reaction time and hip and knee control
- $\cdot$   $\;$  Start standing upright on a bosu with feet hip-width apart
- Place your palms on top of partners hands
- Your partner unexpectedly drops the balls
- Squat and try to catch the two balls
- 3 x 8-16 repetitions

### 4. Single-leg squat +

♦ As many as possible with good control

- $\cdot$   $\,$  Purpose: To strengthen quadricep and gluteal muscles and improve lower limb control
- Single-leg squat on a BOSU
- Keep your knee aligned over your toes
- Avoid rotation and tilt of the hips
- $\cdot$   $\,$  As many as possible with good control  $\,$

### 5. Copenhagen adductor

#### ♦ 3 x 8–16 repetitions

- Purpose: To strengthen the hip adductor muscles
- Partner holds you at the knee and ankle
- Keep your body stable, lower and lift the bottom leg
- Keep your body in straight line
- · Perform the exercise slowly
- 3 x 8-16 repetitions

### 6. The diver

- ♦ 3 x 8–16 repetitions
- Purpose: To improve trunk control and hamstring strength
- $\cdot$  Balance on one leg, with your knee slightly bent
- $\cdot$  Tilt your upper body forwards from the hip
- Keep your head, back and opposite leg in a straight line
- Raise your arms overhead
- Progression: Hold a medicine ball or dumbbell
- 3 x 8-16 repetitions

## 7. Nordic Hamstrings

- ♦ 3 x 8–12 repetitions
- Kneel on a soft mat
- Slowly fall forwards, keeping your upper body and hips straight
- Control the falling motion using your hamstrings
- Use your arms to push yourself back to the start position
- 3 x 8-12 repetitions











