

ACL Prevention for all Warm-up 1



1. Tripling & turn 2x, warm-up

Turn every 5 to 6 steps 90 degrees till you made a full 360

Keep your upper body straight

Keep your pelvis straight

No knock-kneed legs

Make controlled little steps, so keep your knees

Unwinding from toes to heel



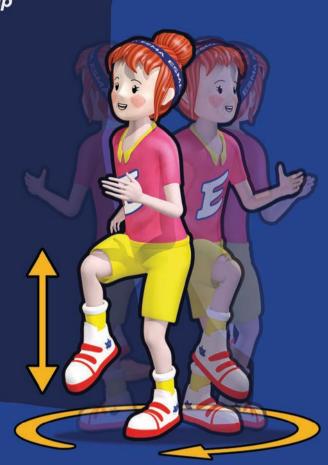
2. Skipping & turn 2x, warm-up

Turn every 5 to 6 steps 90 degrees till you made a full 360

Keep your upper body straight

Keep your pelvis straight No knock-kneed legs Raise your knees HIGH Land always on the front

of your foot



3. Bouncing in place 2x, warm-up

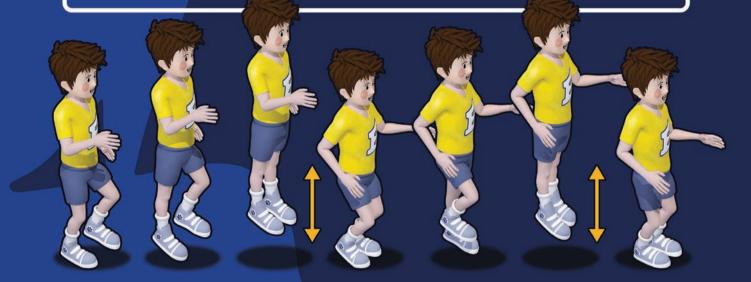
Keep your upper body straight

Keep your pelvis straight

Raise knee alternately No knock-kneed legs

Land on both feet at the same time

Land on front of the foot



4. Sprint Forward and Backward 2x, agility

Sprint forward Arms rotate only from

Raise knee high and towards your chest

Hold your toe towards your shin while you run

Sprint backward

Fall backward with your entire body

Notice you're landing under your body

Mimic forward sprint





5. Buttkick 1x, agility

Keep your upper body straight Keep your pelvis straight Heel towards buttocks

No knock-kneed legs Land always on front



6. Zig zag shuffle 1x, agility

Make yourself small with your upper body bend forward

Your knees are bent all the time If you reach the last cone, you go Keep the movement light on the front of your feet

Shuffle from cone to cone, touch every cone with your hand

backwards to the start Extra: At the end, go backward

Place the cones in a zig zag pattern



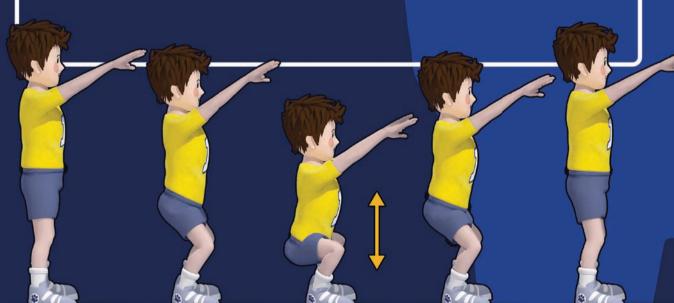
7. Squat 2x, strength

Shoulder-width stance

Lumbar curve maintained

Hips descend and down Heels down

Hips descend lower than knees Knees in line with toes



8. Forward lunge 2x, strength

Keep your upper body straight

One leg step forward

Keep heel of forward leg down

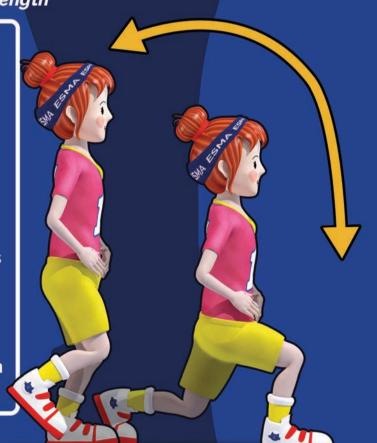
Lower upper body until backward knee touches

Forward leg shin remains relatively vertical

the ground

Complete at full hip and knee extension

Go back up and do it with the opposite leg



9. Single leg balance, straight, 1x each leg, balance

Upper body straight, align with your standing

Keep the pelvis straight

Hold your position as long as you can for a few seconds. The longer the better.

Keep knee of straight Change legs

Extra challenge: Try it with your eyes closed



10. Bounding in place 2x5, plyometrics (jumping)

Jump up

Upper body after landing as deep as you can

Keep your pelvis straight

Keep your balance as long as you Change legs

Land on one foot and hold your

balance



11. Double leg broad jump 1x, plyometrics (jumping)

Jump off deep Jump as far as you can Land deep and land on both feet No knock-kneed legs Keep your pelvis straight

Strain both legs





You want to know more about ACL protection for all? Scan the QR and see all information for free on ESSKA-ACADEMY.



Idea and editorial:

Dr. T. W. Patt & Dr. H. Jones

Graphics and animations: Pascal Lahoud-Bierens





ACL Prevention for all Warm-up 2



1. Tripling & turn 2x, warm-up

Turn every 5 to 6 steps 90 degrees till you made a full 360

Keep your upper body straight

Keep your pelvis straight

No knock-kneed legs

Make controlled little steps, so keep your knees

4. Sprint Forward and Backward 2x, agility

Unwinding from toes to heel

Sprint forward

the shoulders

Arms rotate only from

Raise knee high and towards your chest

Hold your toe towards

your shin while you run

Fall backward with your

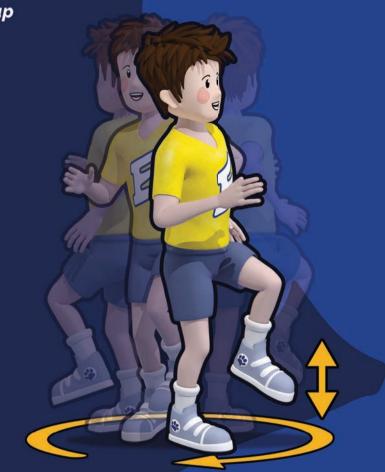
Notice you're landing

Mimic forward sprint

under your body

Sprint backward

entire body



Turn every 5 to 6 steps 90 degrees till you made a full 360

Keep your upper body straight

Keep your pelvis straight No knock-kneed legs

Land always on the front of your foot

Raise your knees HIGH

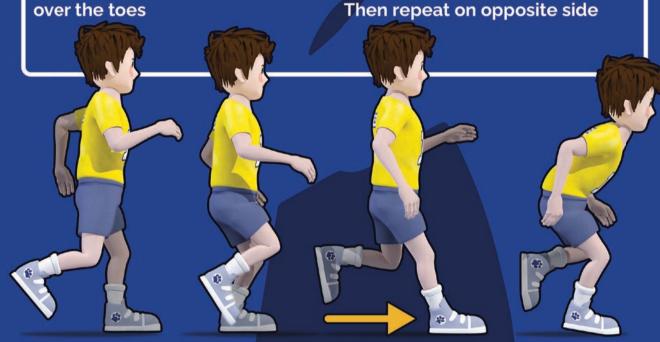


5. Diagonal run and cut each leg 1x, agility

Take a few steps to one side Keep your pelvis straight

Hold your position as long as you can for a few seconds. The longer the better And the knee stacked

Then repeat on opposite side



7. Lunge walk 2x, strength

Step forward with one leg Front heel stays down

10. Knee lift 1x, balance

Keep the pelvis straight

Raise the knee and hold the

Upper body straight

upper leg

Lower until the back knee touch- step es the ground

standing with the front leg Opposite leg begins next long

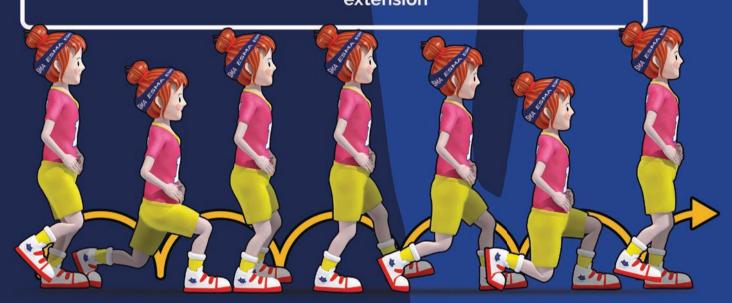
Pull yourself forward to

No knock-kneed legs

on, in a controlled way

Stretch the leg you are standing

Complete at full hip and knee



8. Single leg balance on an unstable surface, straight, 1x each leg, balance

Balance, on an unstable surface

Extra challenge: Try it with your eyes closed

Upper body straight, align with your standing

Keep the pelvis straight

Hold your position as long as you can for a few seconds. The longer the better.

Keep knee of straight Change legs



11. Squat jump in place and sprint 2x4, plyometrics (jumping)

Upper body straight

Keep the pelvis straight

No knock-kneed legs



Keep your upper body straight Land on both feet at the same time

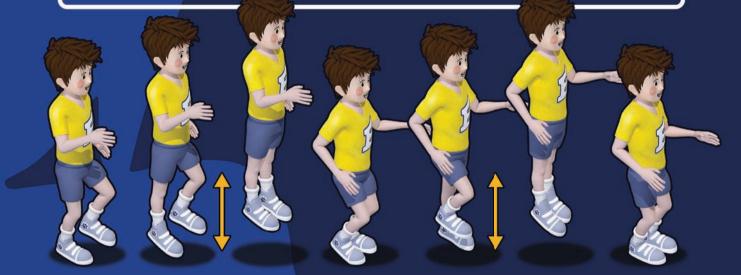
3. Bouncing in place 2x, warm-up

Raise knee alternately

No knock-kneed legs

Keep your pelvis straight

Land on front of the foot



6. Single leg squats each leg 2x, strength

Keep your chest up as much as possible

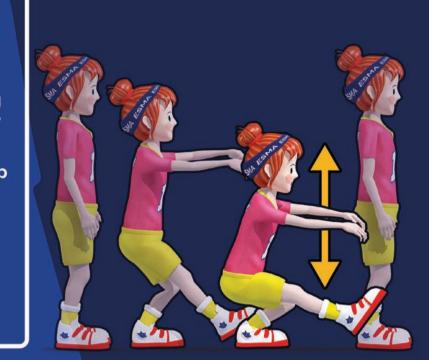
Hips descend back and down

The knee of the working leg stays in line with the

Extend one leg and keep the foot from touching

the floor

Heels stay down



9. Single leg balance on an unstable surface, bend, 1x each leg,

Balance, on an unstable surface

Extra challenge: Try it with your eyes closed

Start with your upper body straight, align with your standing leg

Then bend your upper body as far as you can forward

Hold your position as long as you can for a few seconds.

The longer the better Change legs



12. Squat Jump 2x4, plyometrics (jumping)

Start with your feet wide and your Drive your arms up and push yourself of the floor, and jump to

the side

Bring your butt down and back to above the knee line, the squat position

Make a line to jump over



13. Cross Hop 2x4, plyometrics (jumping)

Upper body straight Keep the pelvis straight

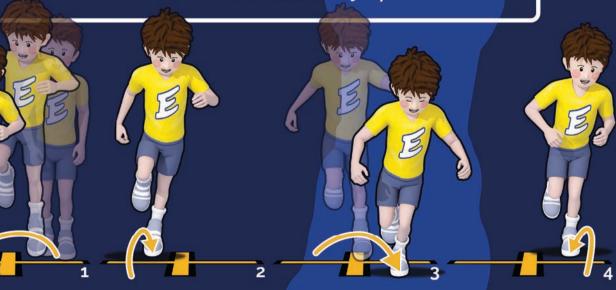
Jump softly so you nicely bend your knees

Make small jumps, start slow and next round a big quicker

Land on ONE leg

Repeat with the other leg

Make a cross to jump over



14. Scissor Jump in place and run 2x5 then a short sprint, plyometrics (jumping)

Upper body straight Keep the pelvis straight

No knock-kneed legs

Land always on both feet Jump 2x and make an explosive

Stay low while jumping





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Idea and editorial: Dr. T. W. Patt & Dr. H. Jones







ACL Prevention for all Warm-up 3



1. Skipping for-, side- and backward 2x, warm-up

Make a little square 1m x 1m with 4 cones

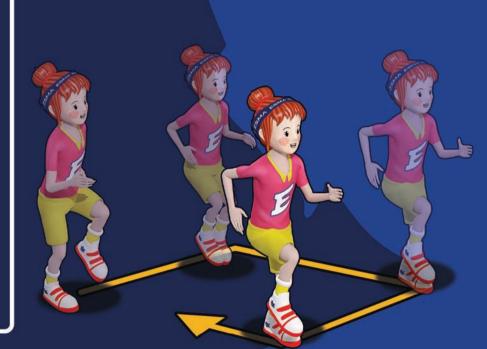
One time start left, one time start right

Upper body straight

Keep the pelvis straight

Keep the pelvis straight Raise your knees

Land always on front foot



Make small jumps, start slow and

Pay attention to feet placement

when start sprinting

Land always on both feet

next round a big quicker

Repeat with the other leg

Land on ONE leg

2. Plant and cut athletic movement 2x, agility

Jog about 15 steps

Plant your leg and cut to change direction to the other side

Accelerate again

Do not let your knee buckle in

Repeat the exercise till the other side of the field

Then jog back to the start and repeat it on opposite

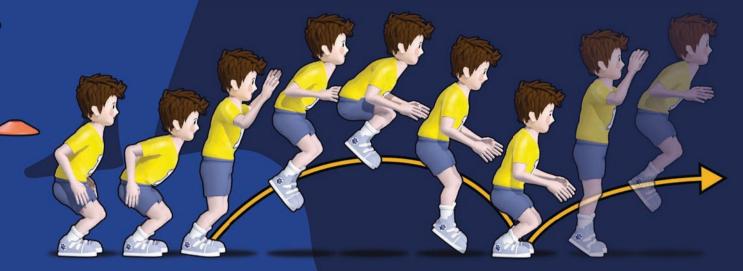
3. Squat Jump 2x4, plyometrics (jumping)

Bring your butt down and back to above the knee line, the squat

position

Start with your feet wide and your Drive your arms up and push yourself of the floor, and jump to the side

Land on both feet in squat position and repeat to the other side



4. Single leg hops with stabilization 2x4, balance

Bend at the hips

Flex your trunk



7. Cross Hop 2x4, plyometrics (jumping)

Upper body straight

Upper body straight

Keep the pelvis straight

No knock-kneed legs

Keep the pelvis straight

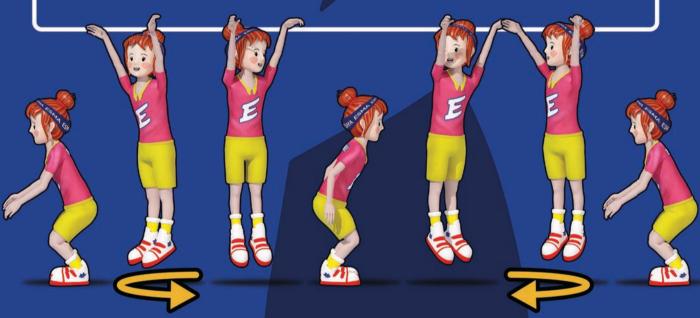
Jump softly so you nicely bend your knees

5. 180 Jump with stabilization 2x4, balance

Squat down as if you do a normal On landing squat again, and jump squat

Engage your core and jump explosively, and turn 180° as you Land with control

This one complete jump



Put a line

Start with your right leg

Toes against the line

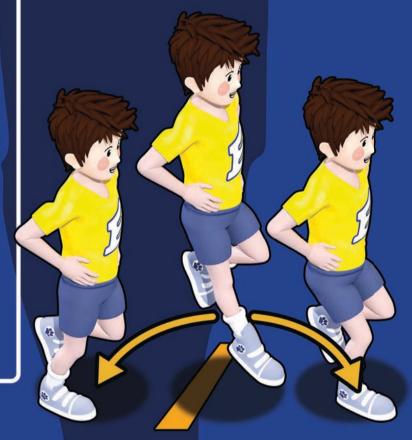
Then switch to your left

8. One Leg Hop 2x4, plyometrics (jumping)

onds

Hold your body straight

Begin jumping forward and backward over the line, performing 15 sec-



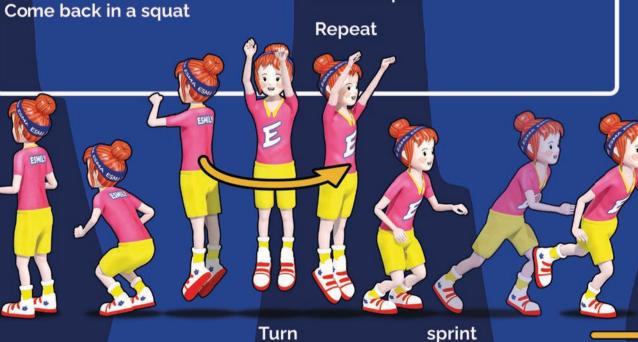
11. Squat jump half turn and sprint 2x4, plyometrics (jumping)

Start with a squat Jump high

Control your landing well, and make a sprint

Jump high again, and turn 180°

Repeat

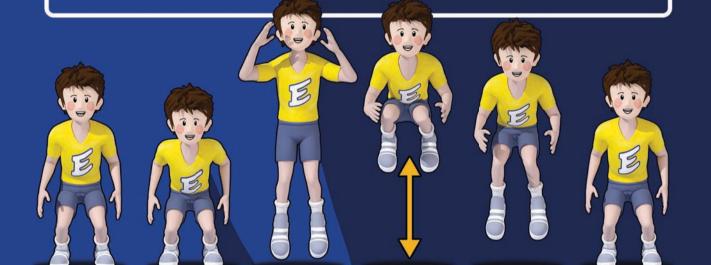


7. Tuck jump, plyometrics (jumping)

Jump up as high as you can, and bringing your heels to your but-tocks

Make a controlled, and soft landing No knock-kneed legs

Keep the pelvis straight



9. Squat Jump forward land on single leg 2x4, plyometrics (jumping)

Start with a squat

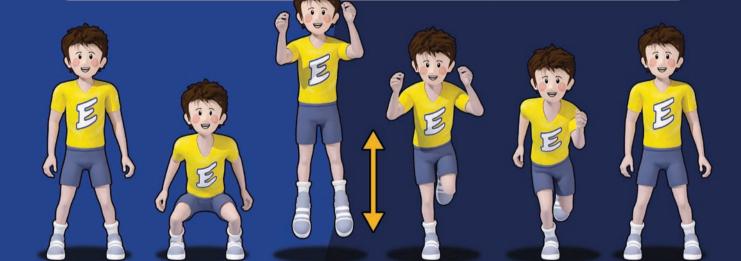
Shoulder over hip

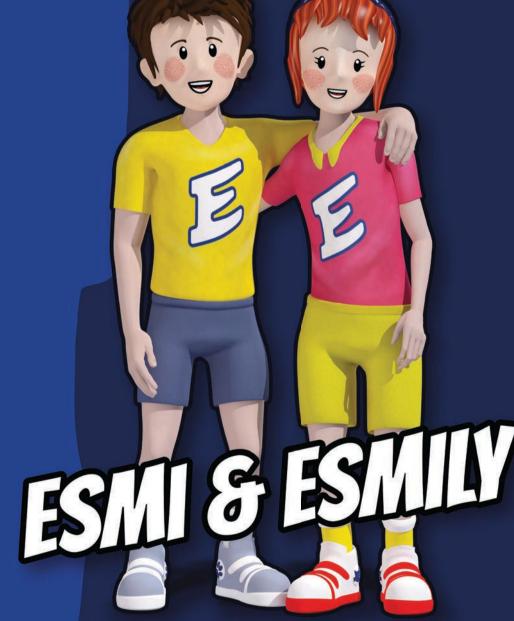
Jump, explode, up high

Land on one leg, and hold the one leg position for a few seconds

Squat again, jump, but now land on your other leg

Repeat





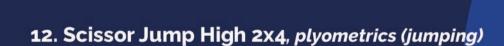
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10. Squat jump and sprint 2x4, plyometrics (jumping)

Make your jump strong in place

2 or 3 times

Your feet and knees point forward Jumping and landing on the front of your feet

sprint

Focus on your knee alignment Land softly

